R0298

ConocoPhillips

76 Broadway
Sacramento, CA 95818
phone 916.558.7676
fax 916.558.7639

October 29, 2004

Mr. Don Hwang
Alameda County Health Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Re: **Document Transmittal**
Fuel Leak Case
76 Station #4625
3070 Fruitvale Avenue
Oakland, CA

Dear Mr. Hwang:

Please find attached TRC's *Quarterly Status Report, dated 10/29/04,* and TRC's *Quarterly Monitoring Report, dated 10/21/04* for the above referenced site. I declare, under penalty of perjury, that to the best of my knowledge the information and/or recommendations contained in the attached proposal or report is true and correct.

If you have any questions or need additional information, please call me at (916) 558-7666.

Sincerely,

Thomas H. Kosel
Site Manger, Risk Management and Remediation
ConocoPhillips
76 Broadway, Sacramento, CA 95818

Attachment
cc: Roger Batra, TRC

TRC

Customer-Focused Solutions

October 29, 2004 TRC Project No. 42014501

Mr. Don Hwang
Alameda County Health Services
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

RE: Quarterly Status Report - Third Quarter 2004
76 Service Station #4625, 3070 Fruitvale Avenue, Oakland, California
Alameda County

Dear Mr. Hwang:

On behalf of ConocoPhillips Company (ConocoPhillips), TRC is submitting the Third Quarter 2004 Quarterly Status Report for the subject site, shown on the attached Figures 3 through 5.

PREVIOUS ASSESSMENTS

The site is currently an active service station located on the southeast corner of Fruitvale Avenue and School Street in Oakland, California.

April/May 1998: The gasoline underground storage tanks (USTs), product piping and dispensers were removed and replaced. Concentrations of total petroleum hydrocarbons as gasoline (TPH-g), benzene, and methyl tertiary butyl ether (MTBE) ranged from non-detect to moderate levels.

May 1998: A waste oil UST and associated piping was also removed. Concentrations of TPH-g, benzene, total petroleum hydrocarbons as diesel (TPH-d), total oil and grease (TOG), volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and metals ranged from non-detect to moderate levels.

A total of approximately 1,166 tons of soil were over excavated and transported from the site to Allied Waste's Forward Landfill in Manteca, California. Additionally, 40,000 gallons of groundwater were pumped from the UST pit and transported to the Tosco Refinery in Rodeo, California for disposal. A conductor casing was installed in the backfill during installation of the replacement gasoline USTs. The waste oil tank was replaced with an aboveground tank.

April 2000: Four monitoring wells were installed at the site.

May 2003: Two monitoring wells were installed to 25 feet below ground surface (bgs) and two exploratory borings were advanced to approximately 15 feet bgs. Soil samples contained low maximum levels of benzene, MTBE, and tertiary butyl alcohol (TBA), and moderate levels of

1590 Solano Way, Suite A • Concord, California 94520
Telephone 925-688-1200 • Fax 925-688-0388

TPH-g. Grab groundwater samples collected from the two soil borings were reported to contain elevated concentrations of petroleum hydrocarbons in both samples.

October 2003: Site environmental consulting responsibilities were transferred to TRC.

SENSITIVE RECEPTORS

An irrigation well is located 1,700 feet south-southeast of the site.

MONITORING AND SAMPLING

Currently, seven wells are monitored and six wells are sampled quarterly. The groundwater gradient and flow direction were 0.01 foot/foot to the west.

CHARACTERIZATION STATUS

Total purgeable petroleum hydrocarbons (TPPH) were detected in three of the six wells sampled, at a maximum concentration of 1,500 micrograms per liter (µg/l) in MW-5. These levels were consistent with recent historical data.

Benzene was detected in three of the six wells sampled, at a maximum concentration of 77 µg/l in MW-6. These levels were consistent with recent historical data.

MTBE was detected in three of the six wells sampled, at a maximum concentration of 360 µg/l in MW-6. These levels were consistent with recent historical data.

REMEDIATION STATUS

May 1998: A total of approximately 1,166 tons of soil generated during replacement of Fuel and waste oil USTs were over excavated and transported from the site to Allied Waste's Forward Landfill in Manteca, California. Additionally, 40,000 gallons of groundwater were pumped from the UST pit and transported to the Tosco Refinery in Rodeo, California for disposal.

Remediation is not currently being conducted at the site.

RECENT CORRESPONDENCE

No correspondence this quarter.

CURRENT QUARTER ACTIVITIES

August 31, 2004: TRC performed groundwater monitoring and sampling. Wastewater generated from well purging and equipment cleaning was stored at TRC's groundwater monitoring facility

in Concord, California, and transported by Onyx to the ConocoPhillips Refinery in Rodeo, California, for treatment and disposal.

NEXT QUARTER ACTIVITIES

Await agency directives for additional assessment work, if any.

Continue quarterly monitoring and sampling to assess plume stability and concentration trends at key wells.

If you have any questions regarding this report, please call Roger Batra at (925) 688-2466.

Sincerely,

TRC

Roger Batra
Senior Project Manager

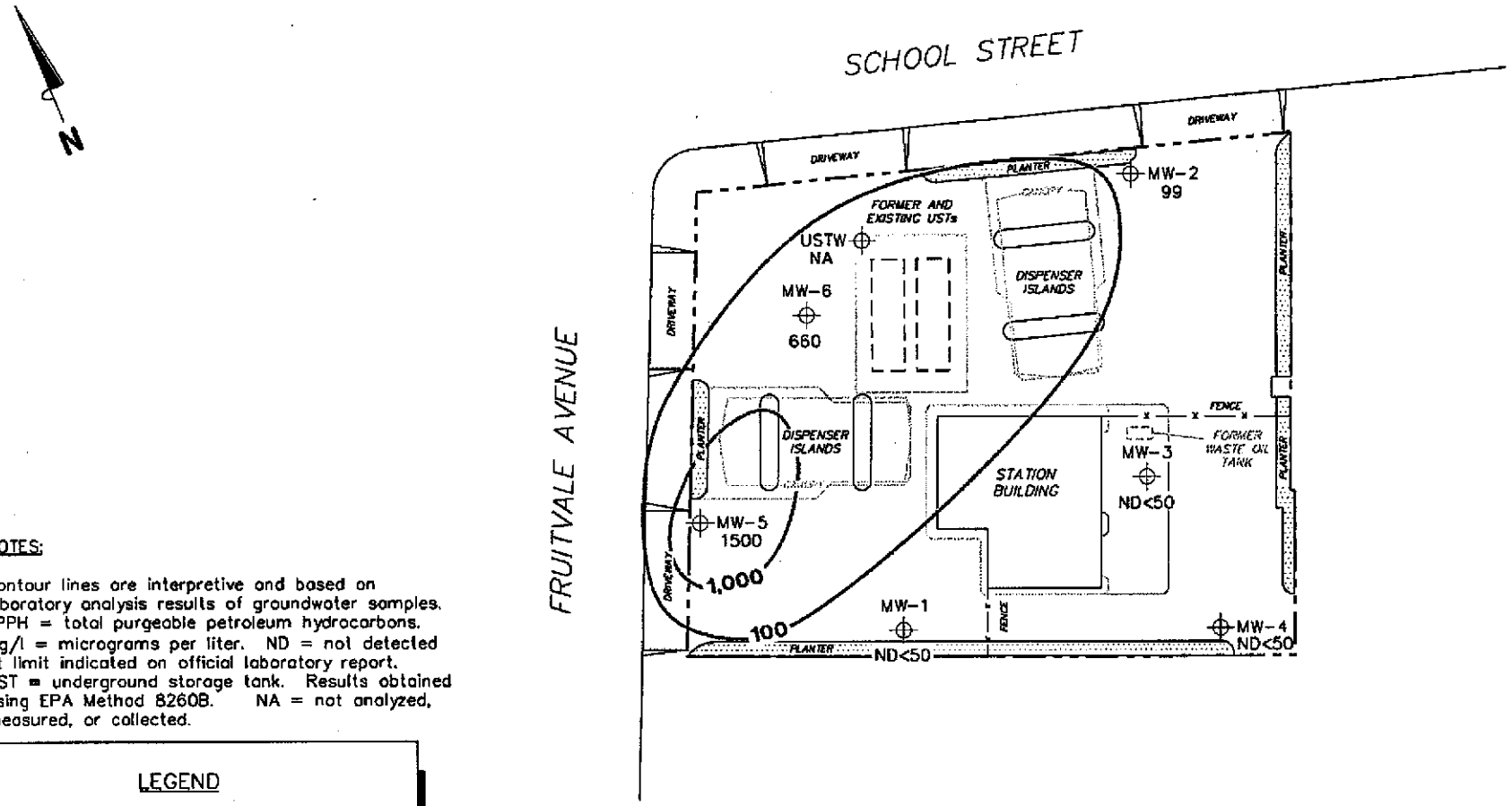
Attachments:

Figure 3 – Dissolved-Phase TPPH Concentration Map, August 31, 2004, from Quarterly Monitoring Report July through September 2004, dated October 21, 2004 by TRC.

Figure 4 – Dissolved-Phase Benzene Concentration Map, August 31, 2004, from Quarterly Monitoring Report July through September 2004, dated October 21, 2004 by TRC.

Figure 5 – Dissolved-Phase MTBE Concentration Map, August 31, 2004, from Quarterly Monitoring Report July through September 2004, dated October 21, 2004 by TRC.

cc: Thomas Kosel, ConocoPhillips (hard copy and electronic upload)



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. TPPH = total purgeable petroleum hydrocarbons. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank. Results obtained using EPA Method 8260B. NA = not analyzed, measured, or collected.

LEGEND

- MW-6 ⊕ Monitoring Well with Dissolved-Phase TPPH Concentration (µg/l)
- USTW ⊕ UST Observation Well
- —1,000— Dissolved-Phase TPPH Contour (µg/l)

SCALE (FEET)

0 40

DISSOLVED-PHASE TPPH CONCENTRATION MAP
August 31, 2004

76 Station 4625
3070 Fruitvale Avenue
Oakland, California

FIGURE 3

TRC

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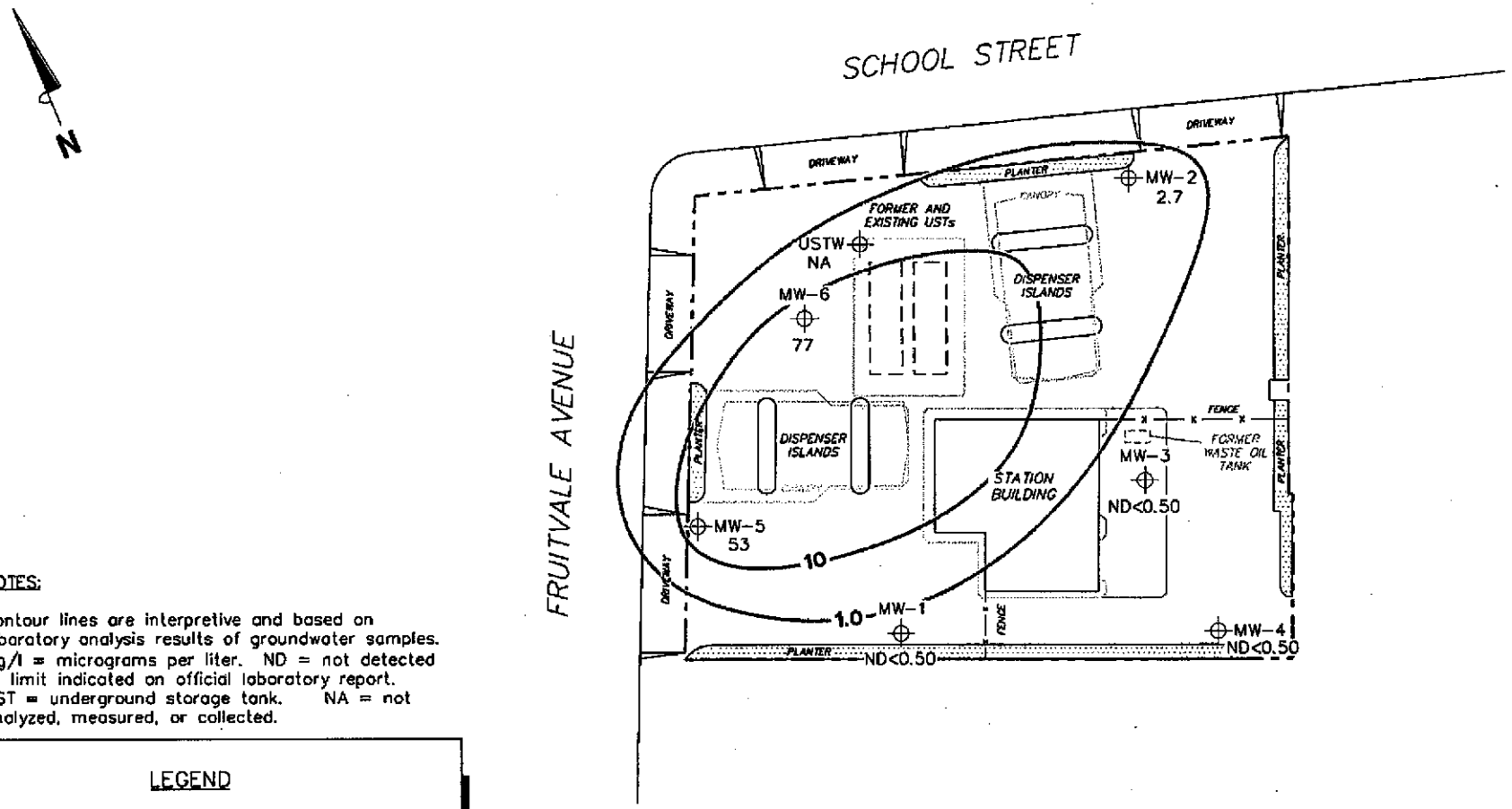

NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank. NA = not analyzed, measured, or collected.

LEGEND

MW-6 ⊕ Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)

USTW ⊕ UST Observation Well

10 Dissolved-Phase Benzene Contour (µg/l)

TRC

SCALE (FEET)

0 40

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
August 31, 2004

76 Station 4625
3070 Fruitvale Avenue
Oakland, California

FIGURE 4

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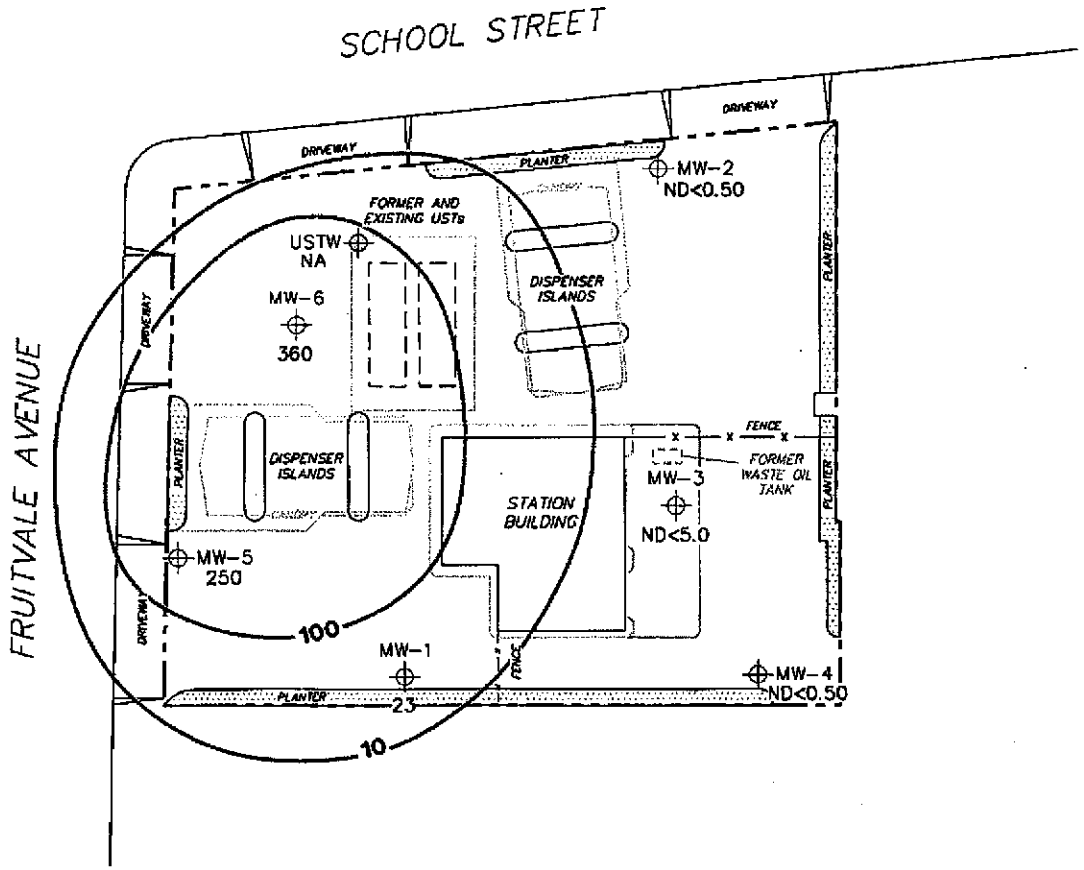

N

NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. MTBE = methyl tertiary butyl ether. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank. Results obtained using EPA Method 8260B. NA = not analyzed, measured, or collected.

LEGEND

MW-6 ⊕ Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)

USTW ⊕ UST Observation Well

—100— Dissolved-Phase MTBE Contour (µg/l)

TRC

SCALE (FEET)

0 40

DISSOLVED-PHASE MTBE CONCENTRATION MAP
August 31, 2004

76 Station 4625
3070 Fruitvale Avenue
Oakland, California

FIGURE 5

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TRC

Customer-Focused Solutions

October 21, 2004

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. THOMAS H. KOSEL

SITE: 76 STATION 4625
3070 FRUITVALE AVENUE
OAKLAND, CALIFORNIA

RE: QUARTERLY MONITORING REPORT
JULY THROUGH SEPTEMBER 2004

Dear Mr. Kosel:

Please find enclosed our Quarterly Monitoring Report for 76 Station 4625, located at 3070 Fruitvale Avenue, Oakland, California. If you have any questions regarding this report, please call us at (949) 753-0101.

Sincerely,

TRC

Anju Farfan
QMS Operations Manager

CC: Mr. Roger Batra, TRC (2 copies)

Enclosures
20-0400/4625R04.QMS

21 Technology Drive • Irvine, California 92618
Telephone 949-753-0101 • Fax 949-753-0111

TRC

Customer-Focused Solutions

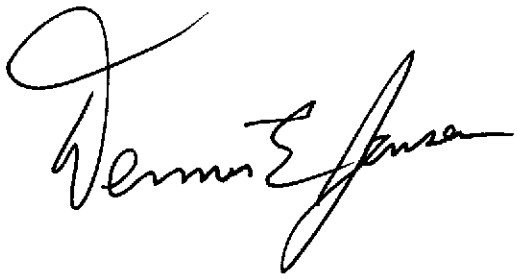
QUARTERLY MONITORING REPORT
JULY THROUGH SEPTEMBER 2004

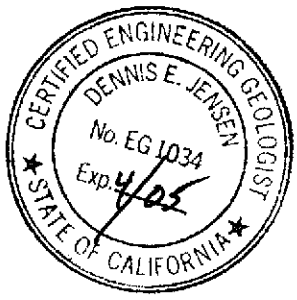
76 Station 4625
3070 Fruitvale Avenue
Oakland, California

Prepared For:

Mr. Thomas H. Kosel
CONOCOPHILLIPS COMPANY
76 Broadway
Sacramento, California 95818

By:





Senior Project Geologist, Irvine Operations
October 07, 2004

21 Technology Drive • Irvine, California 92618
Telephone 949-753-0101 • Fax 949-753-0111

LIST OF ATTACHMENTS	
Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Table 1: Current Fluid Levels and Selected Analytical Results Table 2: Historic Fluid Levels and Selected Analytical Results Table 3: Additional Analytical Results Table 3b: Additional Analytical Results Table 3c: Additional Analytical Results Table 3d: Additional Analytical Results Table 3e: Additional Analytical Results Table 3f: Additional Analytical Results
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPPH Concentration Map Figure 4: Dissolved-Phase Benzene Concentration Map Figure 5: Dissolved-Phase MTBE Concentration Map
Graphs	Groundwater Elevations vs. Time Benzene Concentrations vs. Time
Field Activities	General Field Procedures Groundwater Sampling Field Notes
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
July 2004 through September 2004
76 Station 4625
3070 Fruitvale Avenue
Oakland, CA

Project Coordinator: **Thomas Kosel**
Telephone: **916-558-7666**
Water Sampling Contractor: ***TRC***
Compiled by: **Valentina Tobon**
Date(s) of Gauging/Sampling Event: **08/31/04**

Sample Points

Groundwater wells: **7** onsite, **0** offsite Wells gauged: **7** Wells sampled: **6**
Purging method: **Diaphragm pump**
Purge water disposal: **Onyx/Rodeo Unit 100**
Other Sample Points: **0** Type: **n/a**

Liquid Phase Hydrocarbons (LPH)

Wells with LPH: **0** Maximum thickness (feet): **n/a**
LPH removal frequency: **n/a** Method: **n/a**
Treatment or disposal of water/LPH: **n/a**

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **8.35 feet** Maximum: **10.45 feet**
Average groundwater elevation (relative to available local datum): **128.99 feet**
Average change in groundwater elevation since previous event: **-0.75 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.01 ft/ft, west**
Previous event: **0.02 ft/ft, west (05/27/04)**

Selected Laboratory Results

Wells with detected **Benzene:** **3** Wells above MCL (1.0 µg/l): **3**
Maximum reported benzene concentration: **77 µg/l (MW-6)**

Wells with **TPPH 8260B** **3** Maximum: **1,500 µg/l (MW-5)**
Wells with **MTBE** **3** Maximum: **360 µg/l (MW-6)**

Notes:

USTW=Monitored Only,

This report presents the results of groundwater monitoring and sampling activities performed by TRC. Please contact the primary consultant for other specific information on this site.

TABLES

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 2000 Through August 2004

76 Station 4625

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1	**(Screen Interval in feet: 5.0-25.0)**													
07/28/00	136.36	7.79	--	128.57	--	--	--	--	--	--	--	--	--	
10/29/00	136.36	7.90	--	128.46	-0.11	--	--	--	--	--	--	--	--	
02/09/01	136.36	7.95	--	128.41	-0.05	--	--	--	--	--	--	--	--	
05/11/01	136.36	7.22	--	129.14	0.73	--	--	--	--	--	--	--	--	
08/10/01	136.36	8.47	0.00	127.89	-1.25	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	17	19	
11/07/01	136.36	8.10	0.00	128.26	0.37	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	22	26	
02/06/02	136.36	6.84	0.00	129.52	1.26	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	14	18	
05/08/02	136.36	7.29	0.00	129.07	-0.45	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	20	19	
08/09/02	136.36	8.20	0.00	128.16	-0.91	--	57	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	22	
11/26/02	136.36	7.78	0.00	128.58	0.42	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	23	
02/14/03	137.57	6.90	0.00	130.67	2.09	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	8.8	
05/03/03	137.57	7.36	0.00	130.21	-0.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.4	
08/01/03	137.57	7.48	0.00	130.09	-0.12	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	9.7	
10/30/03	136.36	8.74	0.00	127.62	-2.47	--	300	35	41	21	71	--	8.5	
01/29/04	137.57	6.72	0.00	130.85	3.23	--	74	ND<0.50	4.3	ND<0.50	ND<1.0	--	12	
05/27/04	137.57	7.98	0.00	129.59	-1.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.0	--	16	
08/31/04	137.57	8.42	0.00	129.15	-0.44	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	23	
MW-2	**(Screen Interval in feet: 5.0-25.0)**													
05/03/00	138.64	8.59	0.00	130.05	--	2400	--	53	--	--	240	--	--	
07/28/00	138.64	9.95	0.00	128.69	-1.36	2200	--	680	4.1	57	270	24	--	
10/29/00	138.64	8.38	0.00	130.26	1.57	490	--	67	--	23	22	--	--	
02/09/01	138.64	8.41	0.00	130.23	-0.03	--	--	3.1	--	0.52	1.1	--	--	
05/11/01	138.64	8.93	0.00	129.71	-0.52	--	--	1.99	--	--	--	--	--	
08/10/01	138.64	10.68	0.00	127.96	-1.75	96	--	20	ND<0.50	2.1	9.4	ND<5.0	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 2000 Through August 2004

76 Station 4625

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-2 continued														
11/07/01	138.64	10.01	0.00	128.63	0.67	480	--	110	ND<1.0	26	42	ND<10	--	
02/06/02	138.64	8.10	0.00	130.54	1.91	69	--	13	ND<0.50	0.84	4.4	ND<5.0	--	
05/08/02	138.64	9.16	0.00	129.48	-1.06	53	--	13	ND<0.50	1.2	1.5	ND<5.0	--	
08/09/02	138.64	10.39	0.00	128.25	-1.23	--	140	20	ND<0.50	10	11	--	ND<2.0	
11/26/02	138.64	9.81	0.00	128.83	0.58	--	340	87	ND<0.50	33	23	--	ND<2.0	
02/14/03	139.85	8.19	0.00	131.66	2.83	--	130	12	ND<0.50	7.4	5.4	--	ND<2.0	
05/03/03	139.85	6.77	0.00	133.08	1.42	--	ND<50	2.5	ND<0.50	1.7	ND<1.0	--	ND<2.0	
08/01/03	139.85	9.63	0.00	130.22	-2.86	--	270	55	ND<0.50	23	6.0	--	ND<2.0	
10/30/03	138.64	11.06	0.00	127.58	-2.64	--	180	17	4.8	6.1	13	--	ND<2.0	
01/29/04	139.85	8.35	0.00	131.50	3.92	--	98	4.3	ND<0.50	1.5	3.6	--	ND<2.0	
05/27/04	139.85	9.66	0.00	130.19	-1.31	--	58	1.2	ND<0.50	0.87	1.1	--	ND<0.50	
08/31/04	139.85	10.45	0.00	129.40	-0.79	--	99	2.7	ND<0.50	1.8	2.8	--	ND<0.50	
MW-3	**(Screen Interval in feet: 5.0-25.0)**													
05/03/00	137.68	7.60	--	130.08	--	--	--	--	--	--	--	--	--	
07/28/00	137.68	8.82	--	128.86	-1.22	--	--	--	--	--	--	--	--	
10/29/00	137.68	7.33	--	130.35	1.49	--	--	--	--	--	--	--	--	
02/09/01	137.68	7.40	--	130.28	-0.07	--	--	--	--	--	--	--	--	
05/11/01	137.68	7.90	--	129.78	-0.50	--	--	--	--	--	--	--	--	
08/10/01	137.68	9.09	0.00	128.59	-1.19	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
11/07/01	137.68	9.03	0.00	128.65	0.06	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
02/06/02	137.68	7.16	0.00	130.52	1.87	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
05/08/02	137.68	8.04	0.00	129.64	-0.88	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
08/09/02	137.68	9.27	0.00	128.41	-1.23	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/26/02	137.68	8.79	0.00	128.89	0.48	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 2000 Through August 2004

76 Station 4625

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-3 continued														
02/14/03	138.89	7.18	0.00	131.71	2.82	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
05/03/03	138.89	5.88	0.00	133.01	1.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
08/01/03	138.89	8.52	0.00	130.37	-2.64	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
10/30/03	137.68	10.05	0.00	127.63	-2.74	--	ND<50	0.62	0.83	ND<0.50	ND<1.0	--	ND<5.0	
01/29/04	138.89	6.58	0.00	132.31	4.68	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
05/27/04	138.89	8.51	0.00	130.38	-1.93	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
08/31/04	138.89	9.72	0.00	129.17	-1.21	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<5.0	
MW-4	**(Screen Interval in feet: 5.0-25.0)**													
05/03/00	136.60	6.48	--	130.12	--	--	--	--	--	--	--	--	--	
07/28/00	136.60	7.55	--	129.05	-1.07	--	--	--	--	--	--	--	--	
10/29/00	136.60	6.12	--	130.48	1.43	--	--	--	--	--	--	--	--	
02/09/01	136.60	6.14	--	130.46	-0.02	--	--	--	--	--	--	--	--	
05/11/01	136.60	7.51	--	129.09	-1.37	--	--	--	--	--	--	--	--	
08/10/01	136.60	8.66	0.00	127.94	-1.15	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
11/07/01	136.60	7.92	0.00	128.68	0.74	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
02/06/02	136.60	7.18	0.00	129.42	0.74	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
05/08/02	136.60	6.86	0.00	129.74	0.32	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
08/09/02	136.60	7.67	0.00	128.93	-0.81	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/26/02	136.60	8.08	0.00	128.52	-0.41	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
02/14/03	137.81	7.43	0.00	130.38	1.86	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
05/03/03	137.81	6.05	0.00	131.76	1.38	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
08/01/03	137.81	8.21	0.00	129.60	-2.16	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
10/30/03	136.60	9.04	0.00	127.56	-2.04	--	ND<50	1.1	2.3	2.2	7.0	--	ND<2.0	
01/29/04	137.81	8.22	0.00	129.59	2.03	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 2000 Through August 2004

76 Station 4625

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
USTW continued														
05/27/04	--	8.98	0.00	--	--	--	--	--	--	--	--	--	--	Monitored Only
08/31/04	--	9.75	0.00	--	--	--	--	--	--	--	--	--	--	Monitored Only

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

Date Sampled	TPH-D (µg/l)	Styrene (µg/l)	cis-1,3-dichloropropene (µg/l)	trans-1,3-Dichloropropene (µg/l)	1,4-Dichlorobenzene (µg/l)	EDC (µg/l)	Vinyl acetate (µg/l)	MIBK (µg/l)	Chlorobenzene (µg/l)	2-Chloroethyl vinyl (µg/l)	DBCM (µg/l)	PCE (µg/l)	cis-1,2-DCE (µg/l)	trans-1,2-DCE (µg/l)	1,3-Dichlorobenzene (µg/l)
MW-1															
10/30/03	--	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--
05/27/04	--	--	--	--	--	ND<0.50	--	--	--	--	--	--	--	--	--
08/31/04	--	--	--	--	--	ND<0.5	--	--	--	--	--	--	--	--	--
MW-3															
08/10/01	63	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11/07/01	88	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/06/02	ND<310	--	--	--	--	--	--	--	--	--	--	--	--	--	--
05/08/02	ND<53	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/09/02	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11/26/02	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/14/03	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
05/03/03	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/01/03	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/30/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<25	ND<50	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/29/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<2.7	ND<0.50	ND<25	ND<50	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
05/27/04	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<25	ND<50	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
08/31/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<25	ND<50	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-5															
10/30/03	--	--	--	--	--	ND<10	--	--	--	--	--	--	--	--	--
01/29/04	--	--	--	--	--	ND<20	--	--	--	--	--	--	--	--	--
05/27/04	--	--	--	--	--	ND<5.0	--	--	--	--	--	--	--	--	--
08/31/04	--	--	--	--	--	ND<2.5	--	--	--	--	--	--	--	--	--
MW-6															
10/30/03	--	--	--	--	--	ND<20	--	--	--	--	--	--	--	--	--
01/29/04	--	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

Date Sampled	TPH-D (µg/l)	Styrene (µg/l)	cis-1,3-dichloro-propene (µg/l)	trans-1,3-Dichloro-propene (µg/l)	1,4-Dichloro-benzene (µg/l)	EDC (µg/l)	Vinyl acetate (µg/l)	MIBK (µg/l)	Chloro-benzene (µg/l)	2-Chloroethy l vinyl (µg/l)	DBCM (µg/l)	PCE (µg/l)	cis-1,2-DCE (µg/l)	trans-1,2-DCE (µg/l)	1,3-Dichloro-benzene (µg/l)
MW-6 continued															
05/27/04	--	--	--	--	--	ND<2.5	--	--	--	--	--	--	--	--	--
08/31/04	--	--	--	--	--	ND<2.5	--	--	--	--	--	--	--	--	--

Table 3b
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

Date Sampled	Carbon Tetra-chloride (µg/l)	2-Hexanone (µg/l)	Acetone (µg/l)	Chloro-form (µg/l)	1,1,1-TCA (µg/l)	Bromo-methane (µg/l)	Chloro-methane (µg/l)	Chloro-ethane (µg/l)	Vinyl chloride (µg/l)	Methylene chloride (µg/l)	Carbon Disulfide (µg/l)	Bromoform (µg/l)	BDCM (µg/l)	1,1-DCA (µg/l)	1,1-DCE (µg/l)
MW-3															
10/30/03	ND<0.50	ND<50	ND<50	ND<1.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<5.0	ND<5.0	ND<0.50	ND<1.0	ND<0.50	ND<0.50
01/29/04	ND<0.50	ND<50	ND<50	ND<1.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<5.0	ND<5.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50
05/27/04	ND<0.50	ND<50	ND<50	ND<1.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<5.0	ND<5.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50
08/31/04	ND<0.50	ND<50	ND<50	ND<1.0	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<5.0	ND<5.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50

Table 3c
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

Date Sampled	Trichloro-fluoro-methane (µg/l)	Trichloro-trifluoro-ethane (µg/l)	1,2-dichloro-propane (µg/l)	MEK (µg/l)	1,1,2-TCA (µg/l)	TCE (µg/l)	1,1,2,2-Tetrachloro ethane (µg/l)	1,2-DCB (µg/l)	Dichloro-difluoro-methane (µg/l)	n-Propyl-benzene (µg/l)	n-Butyl-benzene (µg/l)	4-Chloro-toluene (µg/l)	EDB (µg/l)	1,3,5-Trimethyl-benzene (µg/l)	Bromo-benzene (µg/l)
MW-1															
08/10/01	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	--
11/07/01	--	--	--	--	--	--	--	--	--	--	--	--	ND<1.0	--	--
02/06/02	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	--
05/08/02	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	--
08/09/02	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	--
11/26/02	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	--
02/14/03	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	--
05/03/03	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	--
08/01/03	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	--
10/30/03	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	--
05/27/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<0.50	--	--
08/31/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<0.5	--	--
MW-3															
10/30/03	ND<1.0	ND<0.50	ND<0.50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0
01/29/04	ND<1.0	ND<0.50	ND<0.50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0
05/27/04	ND<1.0	ND<0.50	ND<0.50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0
08/31/04	ND<1.0	ND<0.50	ND<0.50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0
MW-4															
02/14/03	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	--
08/01/03	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	--
MW-5															
11/26/02	--	--	--	--	--	--	--	--	--	--	--	--	ND<20	--	--
02/14/03	--	--	--	--	--	--	--	--	--	--	--	--	ND<20	--	--
05/03/03	--	--	--	--	--	--	--	--	--	--	--	--	ND<200	--	--
08/01/03	--	--	--	--	--	--	--	--	--	--	--	--	ND<80	--	--

Table 3c
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

Date Sampled	Trichloro-fluoro-methane (µg/l)	Trichloro-trifluoro-ethane (µg/l)	1,2-dichloro-propane (µg/l)	MEK (µg/l)	1,1,2-TCA (µg/l)	TCE (µg/l)	1,1,2,2-Tetrachloro ethane (µg/l)	1,2-DCB (µg/l)	Dichloro-difluoro-methane (µg/l)	n-Propyl-benzene (µg/l)	n-Butyl-benzene (µg/l)	4-Chloro-toluene (µg/l)	EDB (µg/l)	1,3,5-Trimethyl-benzene (µg/l)	Bromo-benzene (µg/l)
MW-5 continued															
10/30/03	--	--	--	--	--	--	--	--	--	--	--	--	ND<10	--	--
01/29/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<20	--	--
05/27/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<5.0	--	--
08/31/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.5	--	--
MW-6															
11/26/02	--	--	--	--	--	--	--	--	--	--	--	--	ND<40	--	--
02/14/03	--	--	--	--	--	--	--	--	--	--	--	--	ND<40	--	--
05/03/03	--	--	--	--	--	--	--	--	--	--	--	--	ND<100	--	--
08/01/03	--	--	--	--	--	--	--	--	--	--	--	--	ND<20	--	--
10/30/03	--	--	--	--	--	--	--	--	--	--	--	--	ND<20	--	--
01/29/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	--
05/27/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.5	--	--
08/31/04	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.5	--	--

Table 3d
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

Date Sampled	1,2,4-Trichloro-benzene (µg/l)	sec-Butyl-benzene (µg/l)	1,3-Dichloro-propane (µg/l)	1,1-Dichloro-propene (µg/l)	2,2-Dichloro-propane (µg/l)	1,1,1,2-Tetrachloro ethane (µg/l)	Dibromo-methane (µg/l)	Bromo-chloro-methane (µg/l)	1,2,3-Trichloro-benzene (µg/l)	HCBD (µg/l)	2-Chloro-toluene (µg/l)	1,2,4-Trimethyl-benzene (µg/l)	DBCP (µg/l)	tert-Butyl-benzene (µg/l)	Isopropyl-benzene (µg/l)
MW-3															
10/30/03	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50
01/29/04	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<2.7	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50
05/27/04	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50
08/31/04	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50

Table 3e
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

Date Sampled	p-Isopropyl-toluene (µg/l)	Naphth-alene (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Acenaph-thylene (µg/l)	Acenaph-thene (µg/l)	Fluorene (µg/l)	Phenan-threne (µg/l)	Anthra-cene (µg/l)	Fluoran-thene (µg/l)	Pyrene (µg/l)	Benzo (a)Anth-racene (µg/l)	Chrysene (µg/l)
MW-1															
08/10/01	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--	--
11/07/01	--	--	ND<1.0	ND<20	ND<1.0	ND<1.0	--	--	--	--	--	--	--	--	--
02/06/02	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--	--
05/08/02	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--	--
08/09/02	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--	--
11/26/02	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--	--
02/14/03	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--	--
05/03/03	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--	--
08/01/03	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--	--
10/30/03	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--	--
05/27/04	--	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	--	--	--	--	--	--	--	--
08/31/04	--	--	ND<0.5	ND<5.0	ND<1.0	ND<0.5	--	--	--	--	--	--	--	--	--
MW-3															
10/30/03	ND<1.0	ND<1.0	--	--	--	--	--	--	--	--	--	--	--	--	--
01/29/04	ND<1.0	ND<1.0	--	--	--	--	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7
05/27/04	ND<1.0	ND<1.0	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0
08/31/04	ND<1.0	ND<1.0	--	--	--	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
MW-4															
02/14/03	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--	--
MW-5															
11/26/02	--	--	ND<20	ND<1000	ND<20	ND<20	--	--	--	--	--	--	--	--	--
02/14/03	--	--	ND<20	ND<1000	ND<20	ND<20	--	--	--	--	--	--	--	--	--
05/03/03	--	--	ND<200	ND<10000	ND<200	ND<200	--	--	--	--	--	--	--	--	--
08/01/03	--	--	ND<80	ND<4000	ND<80	ND<80	--	--	--	--	--	--	--	--	--
10/30/03	--	--	ND<10	ND<500	ND<10	ND<10	--	--	--	--	--	--	--	--	--

Table 3e
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

Date Sampled	p-Isopropyl-toluene (µg/l)	Naphth-alene (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Acenaph-thylene (µg/l)	Acenaph-thene (µg/l)	Fluorene (µg/l)	Phenan-threne (µg/l)	Anthra-cene (µg/l)	Fluoran-thene (µg/l)	Pyrene (µg/l)	Benzo (a)Anth-racene (µg/l)	Chrysene (µg/l)
MW-5 continued															
01/29/04	--	--	ND<20	ND<1000	ND<20	ND<20	--	--	--	--	--	--	--	--	--
05/27/04	--	--	ND<5.0	ND<50	ND<10	ND<5.0	--	--	--	--	--	--	--	--	--
08/31/04	--	--	ND<2.5	ND<25	ND<5.0	ND<2.5	--	--	--	--	--	--	--	--	--
MW-6															
11/26/02	--	--	ND<40	ND<2000	ND<40	ND<40	--	--	--	--	--	--	--	--	--
02/14/03	--	--	ND<40	ND<2000	ND<40	ND<40	--	--	--	--	--	--	--	--	--
05/03/03	--	--	ND<100	ND<5000	ND<100	ND<100	--	--	--	--	--	--	--	--	--
08/01/03	--	--	ND<20	ND<1000	ND<20	ND<20	--	--	--	--	--	--	--	--	--
10/30/03	--	--	ND<20	ND<1000	ND<20	ND<20	--	--	--	--	--	--	--	--	--
01/29/04	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--	--
05/27/04	--	--	ND<2.5	ND<25	ND<5.0	ND<2.5	--	--	--	--	--	--	--	--	--
08/31/04	--	--	ND<2.5	ND<25	ND<5.0	ND<2.5	--	--	--	--	--	--	--	--	--

Table 3f
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

Date Sampled	B(b)Fl (µg/l)	B(k)F (µg/l)	Benzo(a) Pyrene (µg/l)	DB(a,h)A (µg/l)	Benzo (g,h,i)-Perylene (µg/l)	Indeno (1,2,3c,d)-Pyrene (µg/l)	Ethanol 8260B (µg/l)	Bis(2-ethylhexyl) - phthalate (µg/l)	2-Methyl-phenol (µg/l)	4-Methyl-phenol (µg/l)	Chromium (mg/l)	TOG (mg/l)	1,2 DCE (µg/l)	2-Methylnaph-thalene (µg/l)
MW-1														
08/10/01	--	--	--	--	--	--	ND<1000	--	--	--	--	--	ND<2.0	--
11/07/01	--	--	--	--	--	--	ND<500	--	--	--	--	--	ND<1.0	--
02/06/02	--	--	--	--	--	--	ND<500	--	--	--	--	--	ND<2.0	--
05/08/02	--	--	--	--	--	--	ND<500	--	--	--	--	--	ND<2.0	--
08/09/02	--	--	--	--	--	--	ND<500	--	--	--	--	--	ND<2.0	--
11/26/02	--	--	--	--	--	--	ND<500	--	--	--	--	--	ND<2.0	--
02/14/03	--	--	--	--	--	--	ND<500	--	--	--	--	--	ND<2.0	--
05/03/03	--	--	--	--	--	--	ND<500	--	--	--	--	--	ND<2.0	--
08/01/03	--	--	--	--	--	--	ND<500	--	--	--	--	--	ND<2.0	--
10/30/03	--	--	--	--	--	--	ND<500	--	--	--	--	--	--	--
01/29/04	--	--	--	--	--	--	ND<500	--	--	--	--	--	--	--
05/27/04	--	--	--	--	--	--	ND<50	--	--	--	--	--	--	--
08/31/04	--	--	--	--	--	--	ND<50	--	--	--	--	--	--	--
MW-2														
08/01/03	--	--	--	--	--	--	ND<500	--	--	--	--	--	--	--
10/30/03	--	--	--	--	--	--	ND<500	--	--	--	--	--	--	--
01/29/04	--	--	--	--	--	--	ND<500	--	--	--	--	--	--	--
05/27/04	--	--	--	--	--	--	ND<50	--	--	--	--	--	--	--
08/31/04	--	--	--	--	--	--	ND<50	--	--	--	--	--	--	--
MW-3														
08/10/01	--	--	--	--	--	--	--	--	--	--	ND<0.010	ND<5.0	--	--
11/07/01	--	--	--	--	--	--	--	--	--	--	ND<0.010	ND<5.0	--	--
02/06/02	--	--	--	--	--	--	--	--	--	--	0.11	ND<5.0	--	--
05/08/02	--	--	--	--	--	--	--	--	--	--	0.037	ND<5.2	0.69	--
08/09/02	--	--	--	--	--	--	--	--	--	--	0.7	ND<1.0	--	--
11/26/02	--	--	--	--	--	--	--	--	--	--	0.34	ND<1.0	--	--

Table 3f
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

Date Sampled	B(b)Fl (µg/l)	B(k)F (µg/l)	Benzo(a) Pyrene (µg/l)	DB(a,h)A (µg/l)	Benzo (g,h,i)-Perylene (µg/l)	Indeno (1,2,3c,d)-Pyrene (µg/l)	Ethanol 8260B (µg/l)	Bis(2-ethylhexyl) - phthalate (µg/l)	2-Methyl-phenol (µg/l)	4-Methyl-phenol (µg/l)	Chromium (mg/l)	TOG (mg/l)	1,2 DCE (µg/l)	2-Methylnaph-thalene (µg/l)
MW-3 continued														
02/14/03	--	--	--	--	--	--	--	--	--	--	0.074	ND<1.0	--	--
05/03/03	--	--	--	--	--	--	--	--	--	--	0.48	ND<1.0	--	--
08/01/03	--	--	--	--	--	--	ND<500	--	--	--	--	--	--	--
10/30/03	--	--	--	--	--	--	ND<500	--	--	--	0.13	ND<1.0	--	--
01/29/04	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<2.7	ND<500	ND<14	ND<2.7	ND<2.7	0.027	ND<1.0	--	--
05/27/04	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<50	ND<20	ND<4.0	ND<4.0	0.0061	ND<1.0	--	ND<4.0
08/31/04	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<50	ND<10	ND<2.0	ND<2.0	1.0	1.2	--	ND<2.0
MW-4														
02/14/03	--	--	--	--	--	--	ND<500	--	--	--	--	--	ND<2.0	--
08/01/03	--	--	--	--	--	--	ND<500	--	--	--	--	--	--	--
10/30/03	--	--	--	--	--	--	ND<500	--	--	--	--	--	--	--
01/29/04	--	--	--	--	--	--	ND<500	--	--	--	--	--	--	--
05/27/04	--	--	--	--	--	--	ND<50	--	--	--	--	--	--	--
08/31/04	--	--	--	--	--	--	ND<50	--	--	--	--	--	--	--
MW-5														
11/26/02	--	--	--	--	--	--	ND<5000	--	--	--	--	--	ND<20	--
02/14/03	--	--	--	--	--	--	ND<5000	--	--	--	--	--	ND<20	--
05/03/03	--	--	--	--	--	--	ND<50000	--	--	--	--	--	ND<200	--
08/01/03	--	--	--	--	--	--	ND<20000	--	--	--	--	--	ND<80	--
10/30/03	--	--	--	--	--	--	ND<2500	--	--	--	--	--	--	--
01/29/04	--	--	--	--	--	--	ND<5000	--	--	--	--	--	--	--
05/27/04	--	--	--	--	--	--	ND<500	--	--	--	--	--	--	--
08/31/04	--	--	--	--	--	--	ND<250	--	--	--	--	--	--	--
MW-6														
11/26/02	--	--	--	--	--	--	ND<10000	--	--	--	--	--	ND<40	--
02/14/03	--	--	--	--	--	--	ND<10000	--	--	--	--	--	ND<40	--

Table 3f
ADDITIONAL ANALYTICAL RESULTS
76 Station 4625

Date Sampled	B(b)Fl (µg/l)	B(k)F (µg/l)	Benzo(a) Pyrene (µg/l)	DB(a,h)A (µg/l)	Benzo (g,h,i)-Perylene (µg/l)	Indeno (1,2,3c,d)-Pyrene (µg/l)	Ethanol 8260B (µg/l)	Bis(2-ethylhexyl) - phthalate (µg/l)	2-Methyl-phenol (µg/l)	4-Methyl-phenol (µg/l)	Chromium (mg/l)	TOG (mg/l)	1,2 DCE (µg/l)	2-Methylnaph-thalene (µg/l)
MW-6 continued														
05/03/03	--	--	--	--	--	--	ND<25000	--	--	--	--	--	ND<100	--
08/01/03	--	--	--	--	--	--	ND<50000	--	--	--	--	--	ND<20	--
10/30/03	--	--	--	--	--	--	ND<5000	--	--	--	--	--	--	--
01/29/04	--	--	--	--	--	--	ND<500	--	--	--	--	--	--	--
05/27/04	--	--	--	--	--	--	ND<250	--	--	--	--	--	--	--
08/31/04	--	--	--	--	--	--	ND<250	--	--	--	--	--	--	--

FIGURES

0 1/4 1/2 3/4 1 MILE

SCALE 1:24,000

N

SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Oakland East Quadrangle

VICINITY MAP

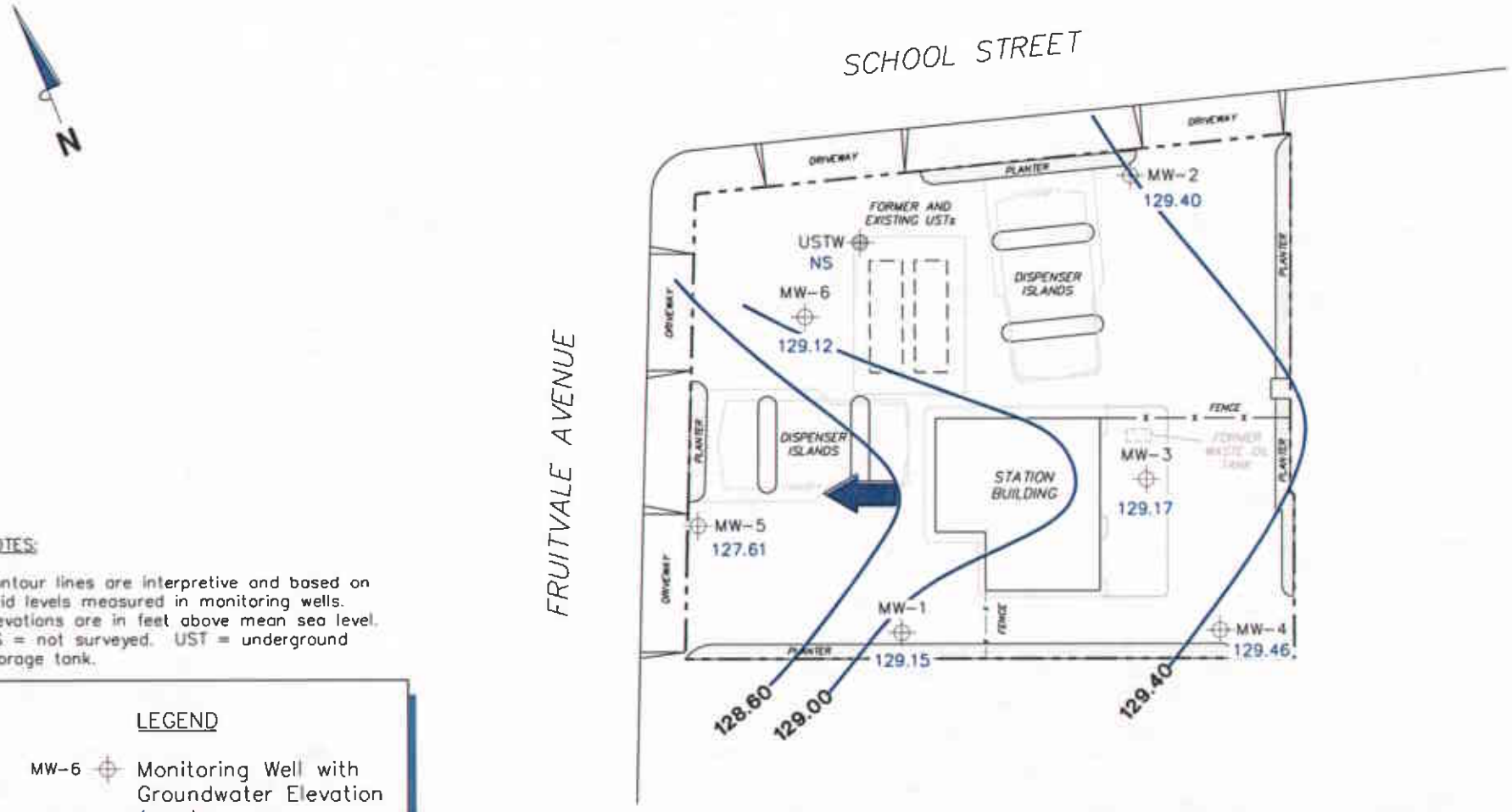
76 Station 4625
3070 Fruitvale Avenue
Oakland, California

TRC

PS = 1:1

FIGURE 1

Graphics on Ir1(I:)\VICINITY MAPS\4625vm.dwg 11/20/03 jrw



NOTES:

Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. NS = not surveyed. UST = underground storage tank.

LEGEND

- MW-6 ⊕ Monitoring Well with Groundwater Elevation (feet)
- USTW ⊕ UST Observation Well
- 129.40 —— Groundwater Elevation Contour
- ➡ General Direction of Groundwater Flow

SCALE (FEET)

0 40

GROUNDWATER ELEVATION CONTOUR MAP
August 31, 2004

76 Station 4625
3070 Fruitvale Avenue
Oakland, California

FIGURE 2

TRC

PS=1:1 4625-003

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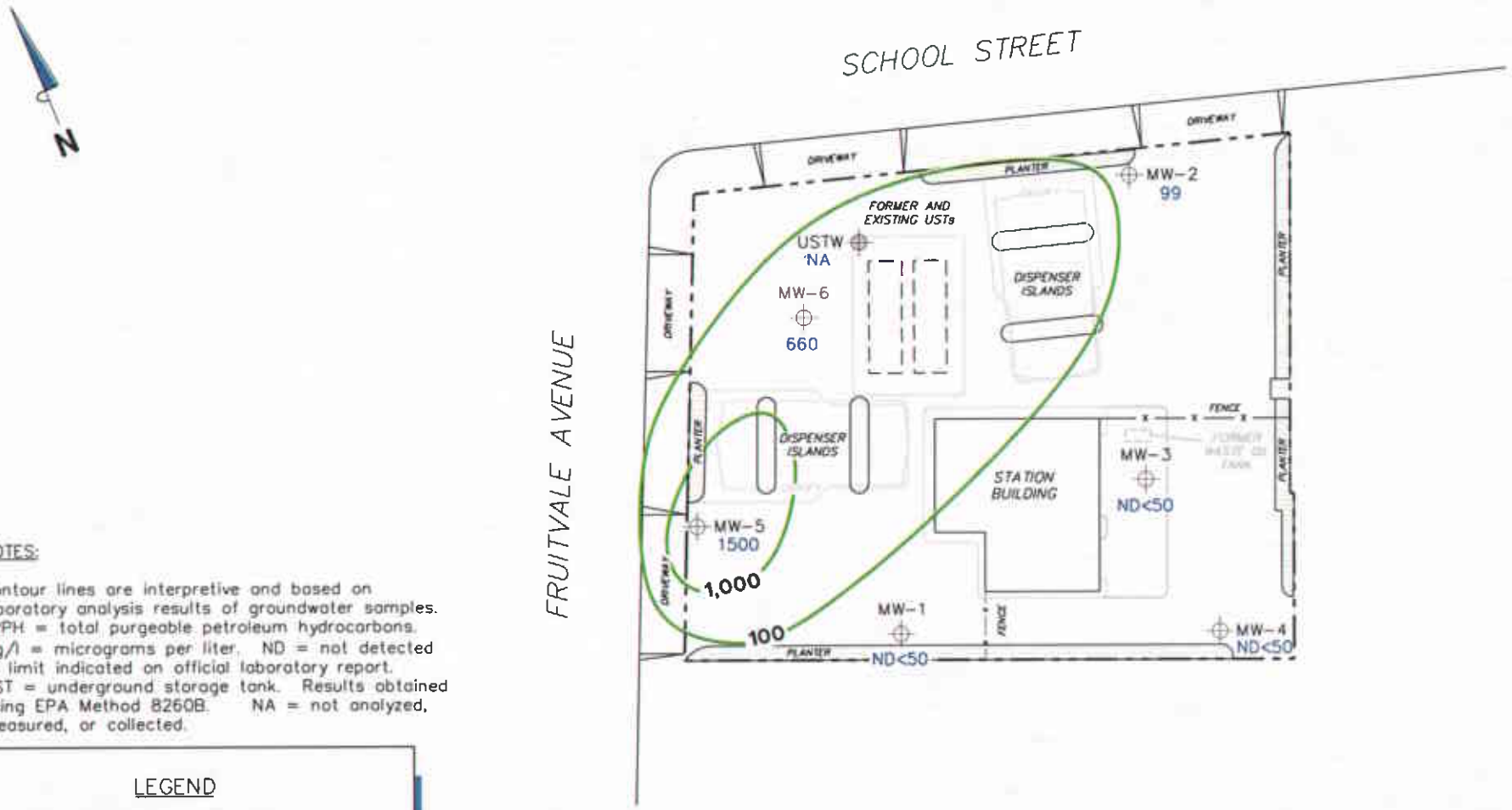

NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. TPPH = total purgeable petroleum hydrocarbons. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank. Results obtained using EPA Method 8260B. NA = not analyzed, measured, or collected.

LEGEND

MW-6 ⊕ Monitoring Well with Dissolved-Phase TPPH Concentration (µg/l)

USTW ⊕ UST Observation Well

1,000 Dissolved-Phase TPPH Contour (µg/l)

TRC

SCALE (FEET)

0 40

DISSOLVED-PHASE TPPH CONCENTRATION MAP
August 31, 2004

76 Station 4625
3070 Fruitvale Avenue
Oakland, California

FIGURE 3

PS=1:1 4625-003

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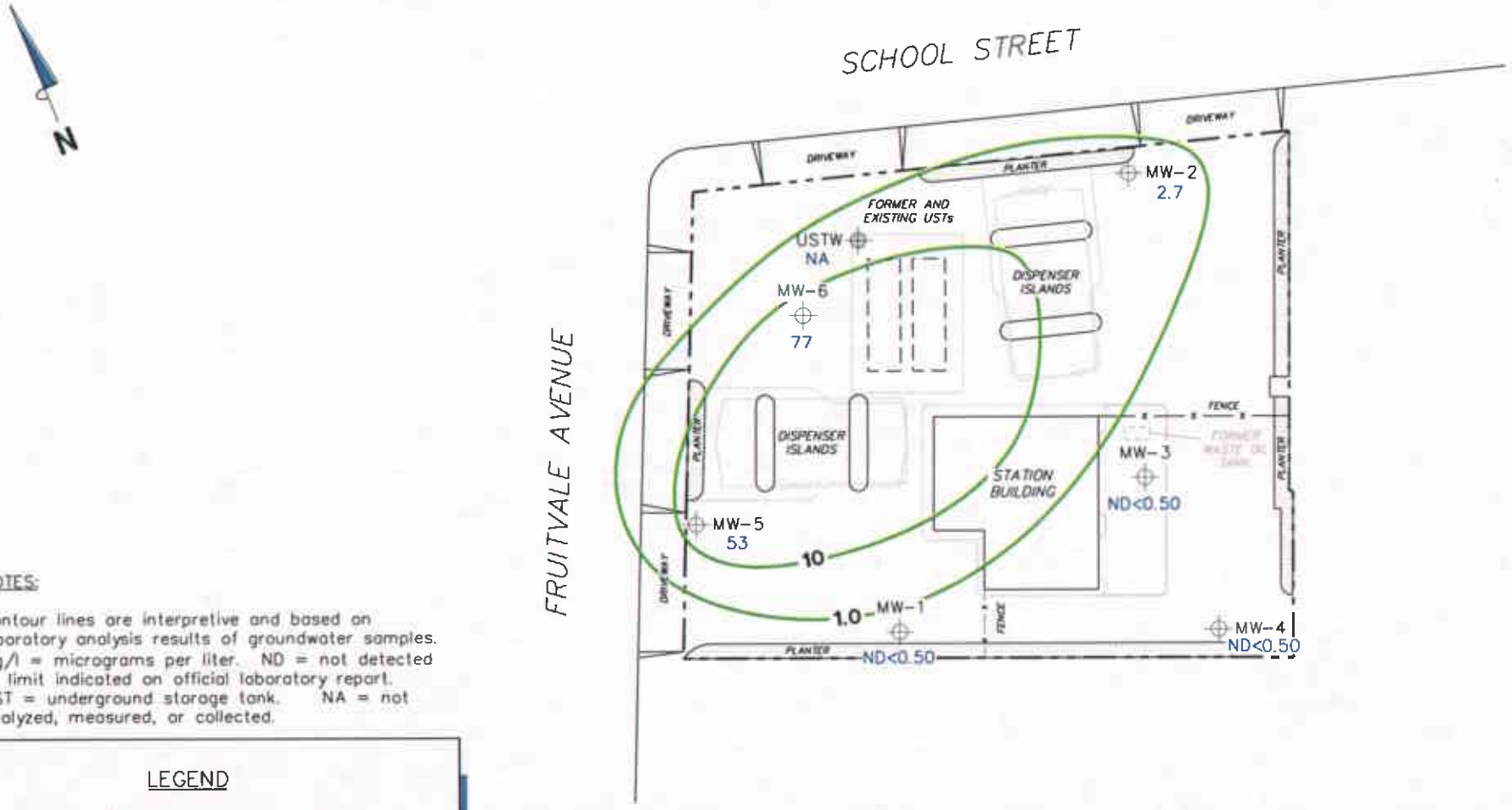

NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank. NA = not analyzed, measured, or collected.

LEGEND

- MW-6 ⊕ Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)
- USTW ⊕ UST Observation Well
- 10 — Dissolved-Phase Benzene Contour (µg/l)

SCALE (FEET)

0 40

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
August 31, 2004

76 Station 4625
3070 Fruitvale Avenue
Oakland, California

FIGURE 4

TRC

PS=1:1 4625-003

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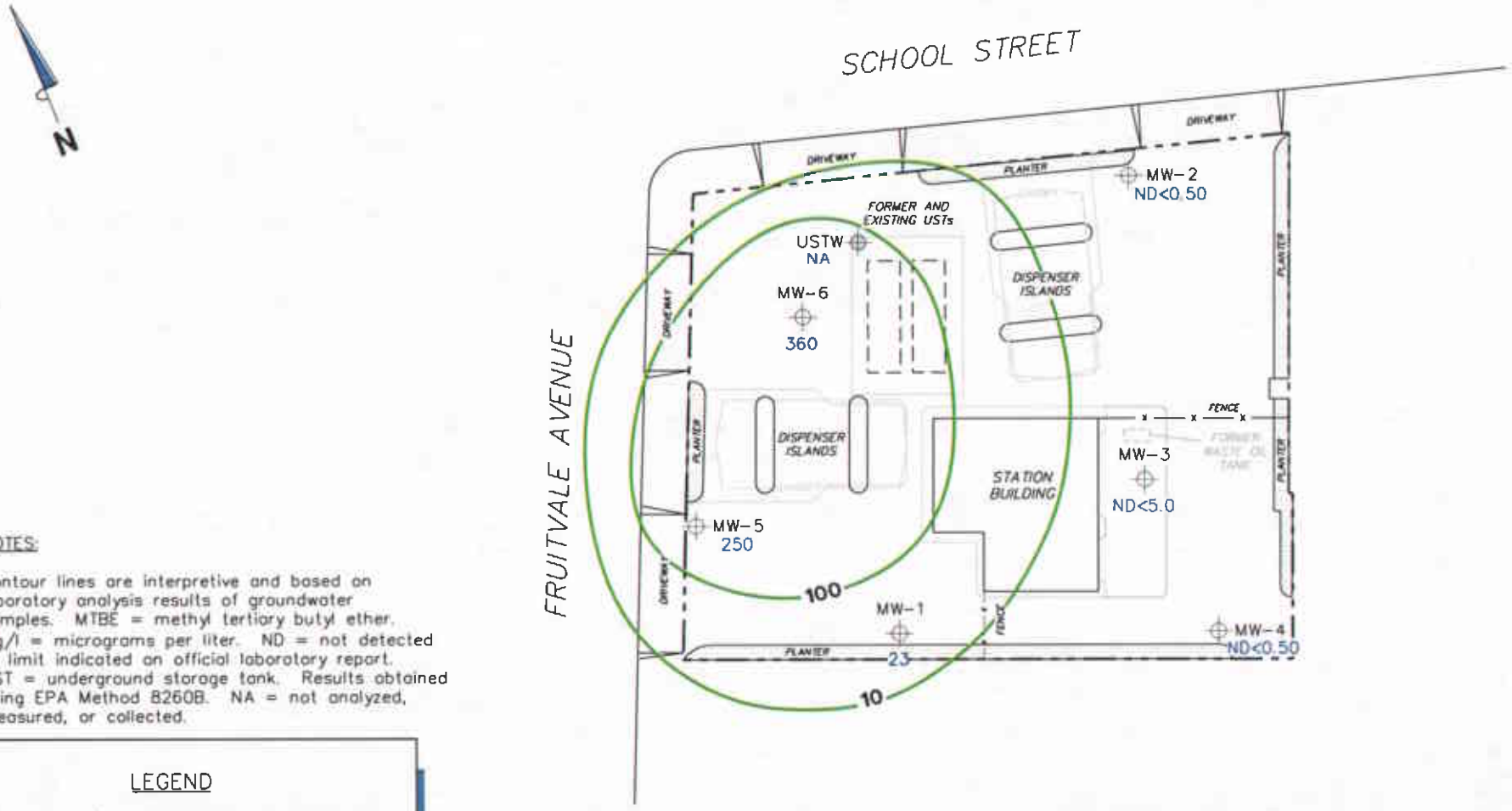

NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. MTBE = methyl tertiary butyl ether. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank. Results obtained using EPA Method 8260B. NA = not analyzed, measured, or collected.

LEGEND

- MW-6 ⊕ Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)
- USTW ⊕ UST Observation Well
- 100 Dissolved-Phase MTBE Contour (µg/l)

SCALE (FEET)

0 40

DISSOLVED-PHASE MTBE CONCENTRATION MAP
August 31, 2004

76 Station 4625
3070 Fruitvale Avenue
Oakland, California

FIGURE 5

TRC

PS=1:1 4625-003

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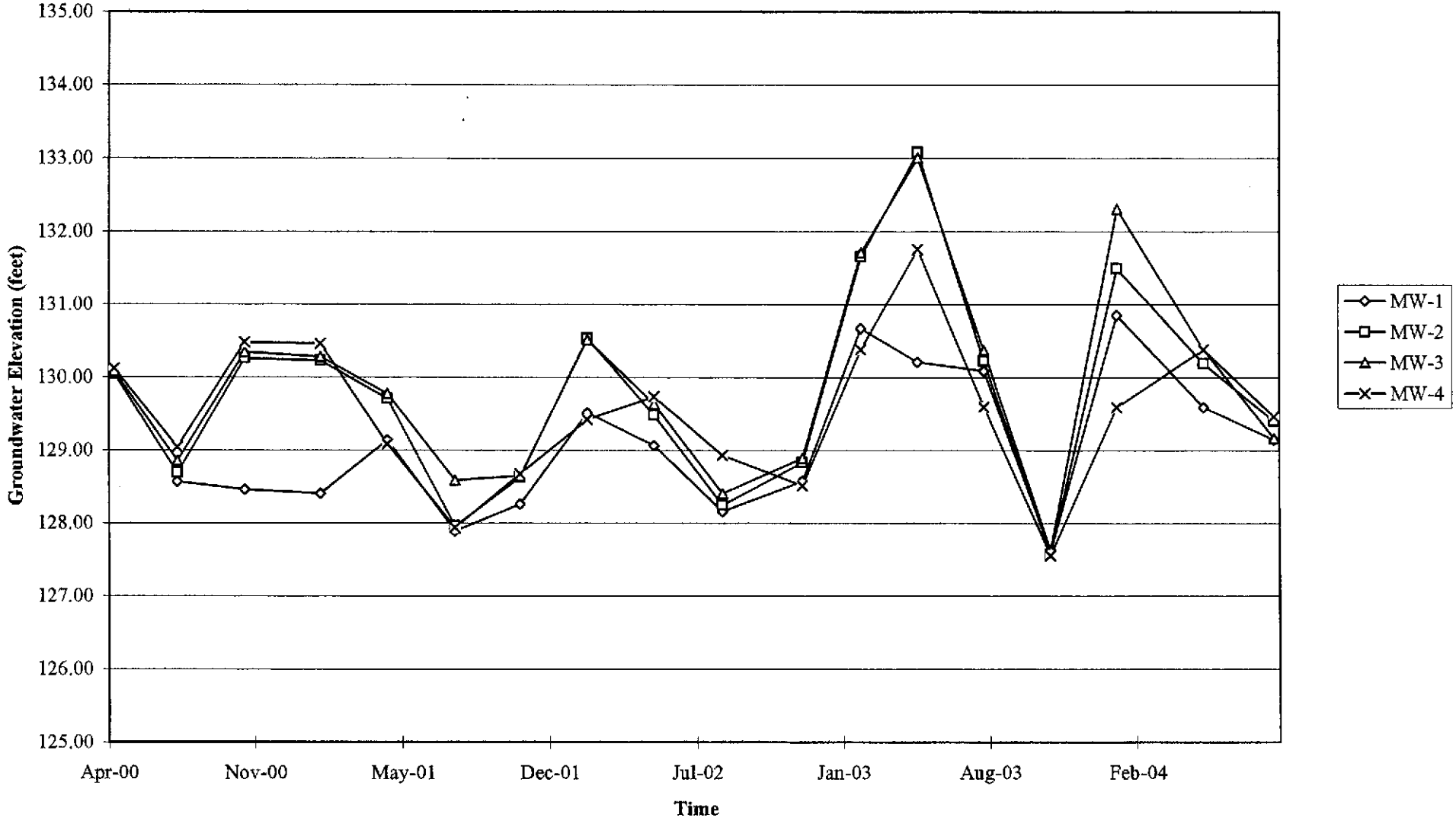
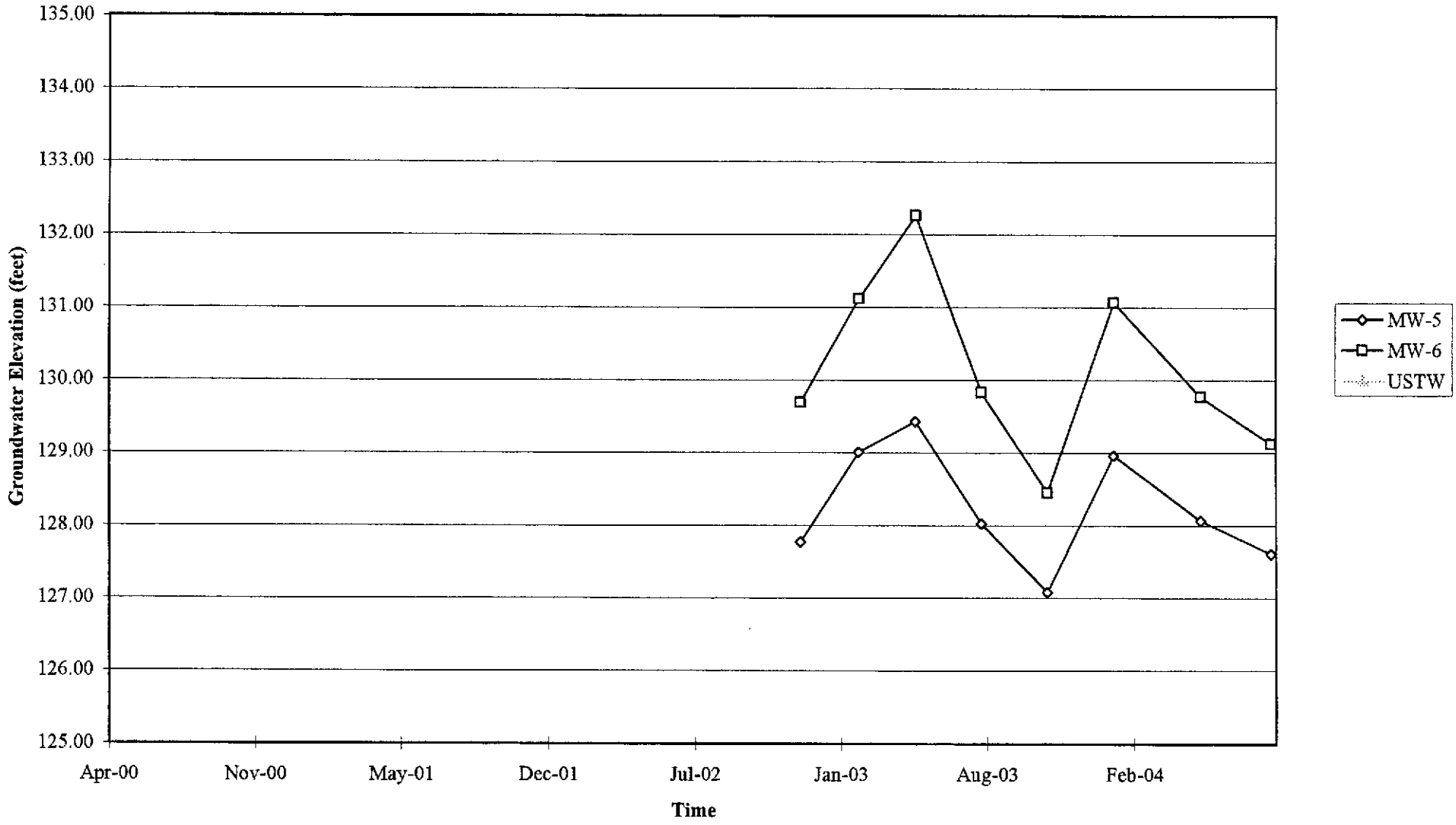
GRAPHS

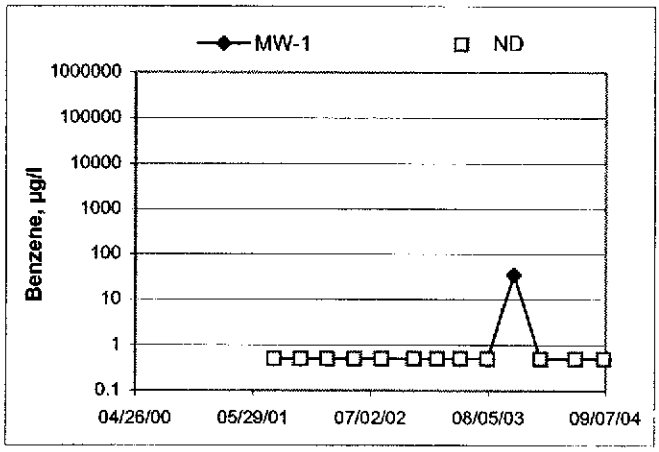
Groundwater Elevations vs. Time
76 Station 4625

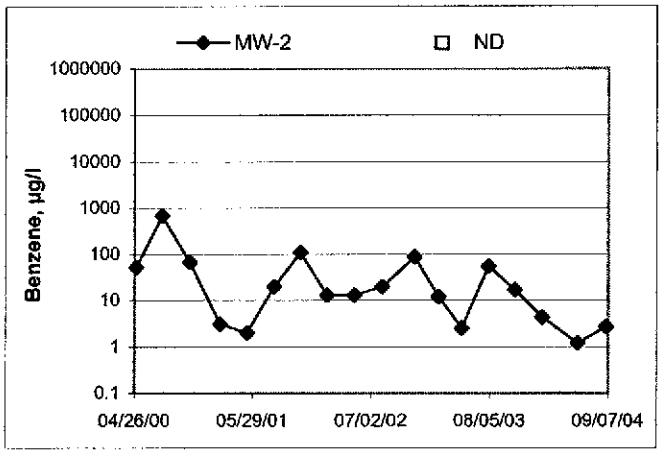


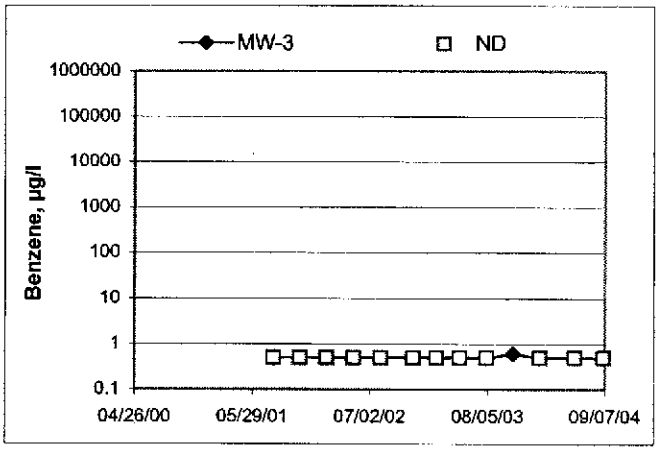
Groundwater Elevations vs. Time
76 Station 4625

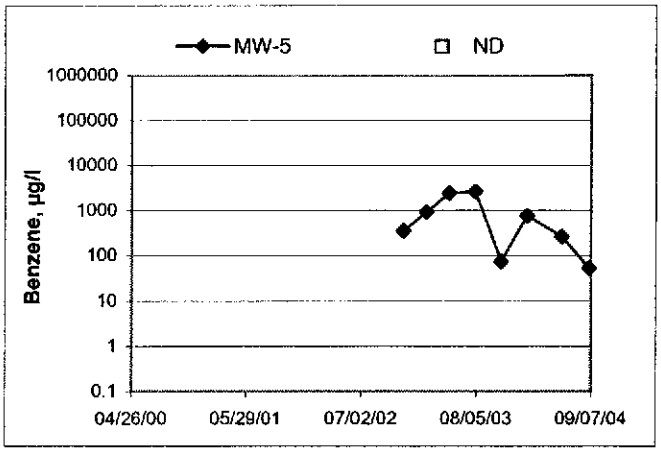


Benzene Concentrations vs Time
76 Station 4625









GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

For each site, TRC technicians are provided with a Technical Service Request (TSR) that specifies activities required to complete the groundwater monitoring and sampling assignment for the site. TSRs are based on client directives, instructions from the primary environmental consultant for the site, regulatory requirements, and TRC's previous experience with the site.

Fluid Level Measurements

Initial site activities include determination of well locations based on a site map provided with the TSR. Well boxes are opened and caps are removed. Indications of well or well box damage, or of pressure buildup in the well are noted.

Fluid levels in each well are measured using a coated cloth tape equipped with an electronic interface probe, which distinguishes between liquid phase hydrocarbon (LPH) and water. The depth to LPH (if it is present), to water, and to the bottom of the well are measured from the top of the well casing (surveyors mark or notch if present) to the nearest 0.01 foot. Unless otherwise instructed, a well with less than 0.67 foot between the measured top of water and the measured bottom of the well casing is considered dry, and is not sampled. If the well contains 0.67 foot or more of water, an attempt is made to bail and/or sample as specified on the TSR.

Wells that are found to contain LPH are not purged or sampled. Instead, one casing volume of fluid is bailed from the well and the well is re-sealed. Bailed fluids are placed in a container separate from normal purge water, and properly disposed.

Purging and Groundwater Parameter Measurement

TSR instructions may specify that a well not be purged (no-purge sampling), be purged using low-flow methods, or be purged using conventional pump and/or bail methods. Conventional purging generally consists of pumping or bailing until a minimum of three casing volumes of water have been removed or until the well has been pumped dry. Pumping is generally accomplished using submersible electric or pneumatic diaphragm pumps.

During conventional purging, three groundwater parameters (temperature, pH, and conductivity) are measured after removal of each casing volume. Stabilization of these parameters, to within 10 percent, confirm that sufficient purging has been completed. In some cases, the TSR indicates that other parameters are also to be measured during purging. TRC commonly measures dissolved oxygen (DO), oxidation-reduction potential (ORP), and/or turbidity. Instruments used for groundwater parameter measurement are calibrated daily according to manufacturer's instructions.

Low-flow purging utilizes a bladder or peristaltic pump to remove water from the well at a low rate. Groundwater parameters specified by the TSR are measured continuously until they become stable in general accordance with EPA guidelines.

Purge water is generally collected in labeled drums for disposal. Drums may be left on site for disposal by others, or transported to a collection location for eventual transfer to a licensed treatment or recycling facility. In some cases, purge water may be collected directly from the site by a licensed vacuum truck company, or may be treated on site by an active remediation system, if so directed.

Groundwater Sample Collection

After wells are purged, or not purged, according to TSR instructions, samples are collected for laboratory analysis. For wells that have been purged using conventional pump or bail methods, sampling is conducted after the well has recovered to 80 percent of its original volume or after two hours if the well does not recover to at least 80 percent. If there is insufficient recharge of water in the well after two hours, the well is not sampled.

Samples are collected by lowering a new, disposable, ½-inch to 4-inch polyethylene bottom-fill bailer to just below the water level in the well. The bailer is retrieved and the water sample is carefully transferred to containers specified for the laboratory analytical methods indicated by the TSR. Particular care is given to containers for volatile organic analysis (VOAs) which require filling to zero headspace and fitting with Teflon-sealed caps.

After filling, all containers are labeled with project number (or site number), well designation, sample date, and the samplers initials, and placed in an insulated chest with ice. Samples remain chilled prior to and during transport to a state-certified laboratory for analysis. Sample container descriptions and requested analyses are entered onto a chain-of-custody form in order to provide instructions to the laboratory. The chain-of-custody form accompanies the samples during transportation to provide a continuous record of possession from the field to the laboratory. If a freight or overnight carrier transports the samples, the carrier is noted on the form.

For wells that have been purged using low-flow methods, sample containers are filled from the effluent stream of the bladder or peristaltic pump. In some cases, if so specified by the TSR, samples are taken from the sample ports of actively pumping remediation wells.

Sequence of Gauging, Purging, and Sampling

The sequence in which monitoring activities are conducted are specified on the TSR. In general, wells are gauged beginning with the least-affected well and ending with the well that has highest concentration based on previous analytic results. After all gauging for the site is completed, wells are purged and/or sampled from the least-affected well to the most-affected well.

Decontamination

In order to reduce the possibility of cross-contamination between wells, strict isolation and decontamination procedures are observed. Portable pumps are not used in wells with LPH. Technicians wear nitrile gloves during all gauging, purging and sampling activities. Gloves are changed between wells and more often if warranted. Any equipment that could come in contact with fluids are either dedicated to a particular well, decontaminated prior to each use, or discarded after a single use. Decontamination consists of washing in a solution of Liqui-nox and water and rinsing twice. The final rinse is in deionized water.

Exceptions

Additional tasks or non-standard procedures, if any, that may be requested or required for a particular site, and noted on the site TSR, are documented in field notes on the following pages.

FIELD MONITORING DATA SHEET

Technician: MK Job #/Task #: 410500A / FARO Date: 8-31-04

Site # 4625 Project Manager BARBARA HOED Page 1 of 1

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-1	✓	0622	24.87	8.42	e	e	0910	2"
MW-2	✓	0604	24.94	10.45	e	e	0840	2"
MW-3	✓	0633	24.85	9.72	e	e	0753	2"
MW-4	✓	0639	24.23	8.35	e	e	0930	2"
MW-5	✓	0614	24.35	10.05	e	e	0859	2"
MW-6	✓	0610	23.45	9.76	e	e	0821	2"
USTW	✓	0627	15.18	9.75	e	e	N/S	2" MONITOR ONLY

FIELD DATA COMPLETE	QA/QC	COC	WELL BOX CONDITION SHEETS
WTT CERTIFICATE	MANIFEST	DRUM INVENTORY	TRAFFIC CONTROL

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: [illegible]

Site: 4625 Project No.: 41050001 Date: 8-31-04

Well No.: MW-4 Purge Method: D

Depth to Water (feet): 9.76 Depth to Product (feet): 0

Total Depth (feet): 23.45 LPH & Water Recovered (gallons): 0

Water Column (feet): 13.69 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 12.49 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0808			2	508	21.1	6.16		
			4	461	21.6	6.19		
	0812		6	398	21.3	6.23		

Static at Time Sampled	Total Gallons Purged	Time Sampled
10.55	6	0821

Comments:

Well No.: MW-5 Purge Method: D

Depth to Water (feet): 10.05 Depth to Product (feet): 0

Total Depth (feet): 24.35 LPH & Water Recovered (gallons): 0

Water Column (feet): 14.30 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 12.91 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0758			2	435	20.5	5.86		
			4	419	21.2	6.01		
	0801		6	432	21.2	6.04		

Static at Time Sampled	Total Gallons Purged	Time Sampled
10.69	6	0859

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: MX

Site: 4625 Project No.: 4105001 Date: 8-31-04

Well No.: MW-1
Depth to Water (feet): 8.92
Total Depth (feet): 24.87
Water Column (feet): 16.45
80% Recharge Depth (feet): 11.71

Purge Method: D
Depth to Product (feet): 0
LPH & Water Recovered (gallons): 0
Casing Diameter (Inches): 2"
1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	Turbidity	D.O.
0704			3	622	19.4	6.29		
			6	580	20.8	6.24		
	0708		9	590	19.9	6.26		

Static at Time Sampled	Total Gallons Purged	Time Sampled
16.70	9	0910

Comments: WELL NOT RECOVER IN 2HRS.

Well No.: MW-4
Depth to Water (feet): 8.35
Total Depth (feet): 24.23
Water Column (feet): 15.88
80% Recharge Depth (feet): 11.52

Purge Method: D
Depth to Product (feet): 0
LPH & Water Recovered (gallons): 0
Casing Diameter (Inches): 2"
1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	Turbidity	D.O.
0719			3	557	18.8	6.51		
			6	528	19.6	6.58		
	0723		9	547	19.2	6.67		

Static at Time Sampled	Total Gallons Purged	Time Sampled
15.92	9	0930

Comments: WELL NOT RECOVER IN 2HRS.

GROUNDWATER SAMPLING FIELD NOTES

Technician: MCY

Site: 4625 Project No.: 4105001 Date: 8-31-04

Well No.: MW-3
Depth to Water (feet): 9.72
Total Depth (feet): 24.85
Water Column (feet): 15.13
80% Recharge Depth (feet): 12.74

Purge Method: D
Depth to Product (feet): 0
LPH & Water Recovered (gallons): 0
Casing Diameter (Inches): 2"
1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F.C)	pH	Turbidity	D.O.
0731			3	348	20.4	6.78		
			6	341	21.2	6.67		
	0735		9	338	21.3	6.50		

Static at Time Sampled	Total Gallons Purged	Time Sampled
9.90	9	0753

Comments:

Well No.: MW-2
Depth to Water (feet): 10.45
Total Depth (feet): 24.94
Water Column (feet): 14.49
80% Recharge Depth (feet): 13.34

Purge Method: D
Depth to Product (feet): 0
LPH & Water Recovered (gallons): 0
Casing Diameter (Inches): 2"
1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F.C)	pH	Turbidity	D.O.
0827			2	324	21.2	6.50		
			4	320	21.5	6.23		
	0831		6	317	21.5	6.15		

Static at Time Sampled	Total Gallons Purged	Time Sampled
10.63	6	0840

Comments:

SEVERN TRENT STL

Submission#: 2004-09-0063

TRC Alton Geoscience- Irvine

September 17, 2004

21 Technology Drive
Irvine, CA 92718

Attn.: Anju Farfan

Project#: 41050001FA20
Project: Conoco Phillips #4625
Site: 3070 Fruitvale Ave.

Attached is our report for your samples received on 09/02/2004 15:40
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 10/17/2004 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: dsharma@stl-inc.com

Sincerely,

Dimple Sharma
Project Manager

SEVERN TRENT STL

Submission: 2004-09-0063

Volatile Organic Compounds by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-3	08/31/2004 07:53	Water	6

Volatile Organic Compounds by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Prep(s): 5030B
Sample ID: **MW-3**
Sampled: 08/31/2004 07:53
Matrix: Water

Test(s): 8260B
Lab ID: 2004-09-0063 - 6
Extracted: 9/3/2004 18:53
QC Batch#: 2004/09/03-1C.71

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/L	1.00	09/03/2004 18:53	
Acetone	ND	50	ug/L	1.00	09/03/2004 18:53	
Benzene	ND	0.50	ug/L	1.00	09/03/2004 18:53	
Bromodichloromethane	ND	0.50	ug/L	1.00	09/03/2004 18:53	
Bromobenzene	ND	1.0	ug/L	1.00	09/03/2004 18:53	
Bromochloromethane	ND	1.0	ug/L	1.00	09/03/2004 18:53	
Bromoform	ND	0.50	ug/L	1.00	09/03/2004 18:53	
Bromomethane	ND	1.0	ug/L	1.00	09/03/2004 18:53	
2-Butanone(MEK)	ND	50	ug/L	1.00	09/03/2004 18:53	
n-Butylbenzene	ND	1.0	ug/L	1.00	09/03/2004 18:53	
sec-Butylbenzene	ND	1.0	ug/L	1.00	09/03/2004 18:53	
tert-Butylbenzene	ND	1.0	ug/L	1.00	09/03/2004 18:53	
Carbon disulfide	ND	5.0	ug/L	1.00	09/03/2004 18:53	
Carbon tetrachloride	ND	0.50	ug/L	1.00	09/03/2004 18:53	
Chlorobenzene	ND	0.50	ug/L	1.00	09/03/2004 18:53	
Chloroethane	ND	1.0	ug/L	1.00	09/03/2004 18:53	
2-Chloroethylvinyl ether	ND	5.0	ug/L	1.00	09/03/2004 18:53	
Chloroform	ND	1.0	ug/L	1.00	09/03/2004 18:53	
Chloromethane	ND	1.0	ug/L	1.00	09/03/2004 18:53	
2-Chlorotoluene	ND	0.50	ug/L	1.00	09/03/2004 18:53	
4-Chlorotoluene	ND	0.50	ug/L	1.00	09/03/2004 18:53	
Dibromochloromethane	ND	0.50	ug/L	1.00	09/03/2004 18:53	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	09/03/2004 18:53	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	09/03/2004 18:53	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	09/03/2004 18:53	
1,3-Dichloropropane	ND	1.0	ug/L	1.00	09/03/2004 18:53	
2,2-Dichloropropane	ND	0.50	ug/L	1.00	09/03/2004 18:53	
1,1-Dichloropropene	ND	0.50	ug/L	1.00	09/03/2004 18:53	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1.00	09/03/2004 18:53	

Volatile Organic Compounds by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Prep(s): 5030B
Test(s): 8260B
Sample ID: **MW-3**
Lab ID: 2004-09-0063 - 6
Sampled: 08/31/2004 07:53
Extracted: 9/3/2004 18:53
Matrix: Water
QC Batch#: 2004/09/03-1C.71

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
1,2-Dibromoethane	ND	0.50	ug/L	1.00	09/03/2004 18:53	
Dibromomethane	ND	0.50	ug/L	1.00	09/03/2004 18:53	
Dichlorodifluoromethane	ND	0.50	ug/L	1.00	09/03/2004 18:53	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	09/03/2004 18:53	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	09/03/2004 18:53	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	09/03/2004 18:53	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	09/03/2004 18:53	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	09/03/2004 18:53	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	09/03/2004 18:53	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	09/03/2004 18:53	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	09/03/2004 18:53	
Ethylbenzene	ND	0.50	ug/L	1.00	09/03/2004 18:53	
Hexachlorobutadiene	ND	1.0	ug/L	1.00	09/03/2004 18:53	
2-Hexanone	ND	50	ug/L	1.00	09/03/2004 18:53	
Isopropylbenzene	ND	0.50	ug/L	1.00	09/03/2004 18:53	
p-Isopropyltoluene	ND	1.0	ug/L	1.00	09/03/2004 18:53	
Methylene chloride	ND	5.0	ug/L	1.00	09/03/2004 18:53	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	1.00	09/03/2004 18:53	
Naphthalene	ND	1.0	ug/L	1.00	09/03/2004 18:53	
n-Propylbenzene	ND	1.0	ug/L	1.00	09/03/2004 18:53	
Styrene	ND	0.50	ug/L	1.00	09/03/2004 18:53	
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	1.00	09/03/2004 18:53	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	09/03/2004 18:53	
Tetrachloroethene	ND	0.50	ug/L	1.00	09/03/2004 18:53	
Toluene	ND	0.50	ug/L	1.00	09/03/2004 18:53	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1.00	09/03/2004 18:53	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1.00	09/03/2004 18:53	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	09/03/2004 18:53	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	09/03/2004 18:53	

Volatile Organic Compounds by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Prep(s): 5030B
Sample ID: **MW-3**
Sampled: 08/31/2004 07:53
Matrix: Water

Test(s): 8260B
Lab ID: 2004-09-0063 - 6
Extracted: 9/3/2004 18:53
QC Batch#: 2004/09/03-1C.71

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichloroethene	ND	0.50	ug/L	1.00	09/03/2004 18:53	
Trichlorofluoromethane	ND	1.0	ug/L	1.00	09/03/2004 18:53	
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	09/03/2004 18:53	
1,2,4-Trimethylbenzene	ND	0.50	ug/L	1.00	09/03/2004 18:53	
1,3,5-Trimethylbenzene	ND	0.50	ug/L	1.00	09/03/2004 18:53	
Vinyl acetate	ND	25	ug/L	1.00	09/03/2004 18:53	
Vinyl chloride	ND	0.50	ug/L	1.00	09/03/2004 18:53	
Total xylenes	ND	1.0	ug/L	1.00	09/03/2004 18:53	
Surrogate(s)						
4-Bromofluorobenzene	106.6	79-118	%	1.00	09/03/2004 18:53	
1,2-Dichloroethane-d4	95.2	78-117	%	1.00	09/03/2004 18:53	
Toluene-d8	106.0	77-121	%	1.00	09/03/2004 18:53	

Volatile Organic Compounds by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2004/09/03-1C.71-056

Water

Test(s): 8260B
QC Batch # 2004/09/03-1C.71
Date Extracted: 09/03/2004 09:56

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	5.0	ug/L	09/03/2004 09:56	
Acetone	ND	50	ug/L	09/03/2004 09:56	
Benzene	ND	0.5	ug/L	09/03/2004 09:56	
Bromodichloromethane	ND	0.5	ug/L	09/03/2004 09:56	
Bromobenzene	ND	1.0	ug/L	09/03/2004 09:56	
Bromochloromethane	ND	1.0	ug/L	09/03/2004 09:56	
Bromoform	ND	0.5	ug/L	09/03/2004 09:56	
Bromomethane	ND	1.0	ug/L	09/03/2004 09:56	
2-Butanone(MEK)	ND	50	ug/L	09/03/2004 09:56	
n-Butylbenzene	ND	1.0	ug/L	09/03/2004 09:56	
sec-Butylbenzene	ND	1.0	ug/L	09/03/2004 09:56	
tert-Butylbenzene	ND	1.0	ug/L	09/03/2004 09:56	
Carbon disulfide	ND	5.0	ug/L	09/03/2004 09:56	
Carbon tetrachloride	ND	0.5	ug/L	09/03/2004 09:56	
Chlorobenzene	ND	0.5	ug/L	09/03/2004 09:56	
Chloroethane	ND	1.0	ug/L	09/03/2004 09:56	
2-Chloroethylvinyl ether	ND	5.0	ug/L	09/03/2004 09:56	
Chloroform	ND	1.0	ug/L	09/03/2004 09:56	
Chloromethane	ND	1.0	ug/L	09/03/2004 09:56	
2-Chlorotoluene	ND	0.5	ug/L	09/03/2004 09:56	
4-Chlorotoluene	ND	0.5	ug/L	09/03/2004 09:56	
Dibromochloromethane	ND	0.5	ug/L	09/03/2004 09:56	
1,2-Dichlorobenzene	ND	0.5	ug/L	09/03/2004 09:56	
1,3-Dichlorobenzene	ND	0.5	ug/L	09/03/2004 09:56	
1,4-Dichlorobenzene	ND	0.5	ug/L	09/03/2004 09:56	
1,3-Dichloropropane	ND	1.0	ug/L	09/03/2004 09:56	
2,2-Dichloropropane	ND	0.5	ug/L	09/03/2004 09:56	
1,1-Dichloropropene	ND	0.5	ug/L	09/03/2004 09:56	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	09/03/2004 09:56	

Volatile Organic Compounds by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Batch QC Report

Prep(s): 5030B
Test(s): 8260B

Method Blank **Water** **QC Batch # 2004/09/03-1C.71**

MB: 2004/09/03-1C.71-056
Date Extracted: 09/03/2004 09:56

Compound	Conc.	RL	Unit	Analyzed	Flag
1,2-Dibromoethane	ND	0.5	ug/L	09/03/2004 09:56	
Dibromomethane	ND	0.5	ug/L	09/03/2004 09:56	
Dichlorodifluoromethane	ND	0.5	ug/L	09/03/2004 09:56	
1,1-Dichloroethane	ND	0.5	ug/L	09/03/2004 09:56	
1,2-Dichloroethane	ND	0.5	ug/L	09/03/2004 09:56	
1,1-Dichloroethene	ND	0.5	ug/L	09/03/2004 09:56	
cis-1,2-Dichloroethene	ND	0.5	ug/L	09/03/2004 09:56	
trans-1,2-Dichloroethene	ND	0.5	ug/L	09/03/2004 09:56	
1,2-Dichloropropane	ND	0.5	ug/L	09/03/2004 09:56	
cis-1,3-Dichloropropene	ND	0.5	ug/L	09/03/2004 09:56	
trans-1,3-Dichloropropene	ND	0.5	ug/L	09/03/2004 09:56	
Ethylbenzene	ND	0.5	ug/L	09/03/2004 09:56	
Hexachlorobutadiene	ND	1.0	ug/L	09/03/2004 09:56	
2-Hexanone	ND	50	ug/L	09/03/2004 09:56	
Isopropylbenzene	ND	0.5	ug/L	09/03/2004 09:56	
p-Isopropyltoluene	ND	1.0	ug/L	09/03/2004 09:56	
Methylene chloride	ND	5.0	ug/L	09/03/2004 09:56	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	09/03/2004 09:56	
Naphthalene	ND	1.0	ug/L	09/03/2004 09:56	
n-Propylbenzene	ND	1.0	ug/L	09/03/2004 09:56	
Styrene	ND	0.5	ug/L	09/03/2004 09:56	
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L	09/03/2004 09:56	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	09/03/2004 09:56	
Tetrachloroethene	ND	0.5	ug/L	09/03/2004 09:56	
Toluene	ND	0.5	ug/L	09/03/2004 09:56	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	09/03/2004 09:56	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	09/03/2004 09:56	
1,1,1-Trichloroethane	ND	0.5	ug/L	09/03/2004 09:56	
1,1,2-Trichloroethane	ND	0.5	ug/L	09/03/2004 09:56	

Volatile Organic Compounds by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2004/09/03-1C.71-056

Water

Test(s): 8260B
QC Batch # 2004/09/03-1C.71
Date Extracted: 09/03/2004 09:56

Compound	Conc.	RL	Unit	Analyzed	Flag
Trichloroethene	ND	0.5	ug/L	09/03/2004 09:56	
Trichlorofluoromethane	ND	1.0	ug/L	09/03/2004 09:56	
Trichlorotrifluoroethane	ND	0.5	ug/L	09/03/2004 09:56	
1,2,4-Trimethylbenzene	ND	0.5	ug/L	09/03/2004 09:56	
1,3,5-Trimethylbenzene	ND	0.5	ug/L	09/03/2004 09:56	
Vinyl acetate	ND	25	ug/L	09/03/2004 09:56	
Vinyl chloride	ND	0.5	ug/L	09/03/2004 09:56	
Total xylenes	ND	1.0	ug/L	09/03/2004 09:56	
Surrogates(s)					
4-Bromofluorobenzene	106.3	79-118	%	09/03/2004 09:56	
1,2-Dichloroethane-d4	91.6	78-117	%	09/03/2004 09:56	
Toluene-d8	106.4	77-121	%	09/03/2004 09:56	

Volatile Organic Compounds by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2004/09/03-1C.71**

LCS 2004/09/03-1C.71-049 Extracted: 09/03/2004 Analyzed: 09/03/2004 08:49
LCSD 2004/09/03-1C.71-022 Extracted: 09/03/2004 Analyzed: 09/03/2004 09:22

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	20.4	19.0	20	102.0	95.0	7.1	69-129	20		
Chlorobenzene	20.3	19.3	20	101.5	96.5	5.1	61-121	20		
1,1-Dichloroethene	17.7	16.9	20	88.5	84.5	4.6	65-125	20		
Toluene	20.6	20.1	20	103.0	100.5	2.5	70-130	20		
Trichloroethene	19.2	17.9	20	96.0	89.5	7.0	74-134	20		
Surrogates(s)										
4-Bromofluorobenzene	513	509	500	102.6	101.8		79-118			
1,2-Dichloroethane-d4	490	479	500	98.0	95.8		78-117			
Toluene-d8	520	518	500	104.0	103.6		77-121			

SEVERN TRENT STL

Submission: 2004-09-0063

Semi-volatile Organic Compounds by 8270C

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-3	08/31/2004 07:53	Water	6

Semi-volatile Organic Compounds by 8270C

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Prep(s): 3510C/8270C
Sample ID: **MW-3**
Sampled: 08/31/2004 07:53
Matrix: Water
Analysis Flag: HT (See Legend and Note Section)

Test(s): 8270C
Lab ID: 2004-09-0063 - 6
Extracted: 9/7/2004 08:20
QC Batch#: 2004/09/07-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	2.0	ug/L	1.00	09/07/2004 15:00	
Bis(2-chloroethyl)ether	ND	2.0	ug/L	1.00	09/07/2004 15:00	
2-Chlorophenol	ND	2.0	ug/L	1.00	09/07/2004 15:00	
1,3-Dichlorobenzene	ND	2.0	ug/L	1.00	09/07/2004 15:00	
1,4-Dichlorobenzene	ND	2.0	ug/L	1.00	09/07/2004 15:00	
Benzyl alcohol	ND	5.0	ug/L	1.00	09/07/2004 15:00	
1,2-Dichlorobenzene	ND	2.0	ug/L	1.00	09/07/2004 15:00	
2-Methylphenol	ND	2.0	ug/L	1.00	09/07/2004 15:00	
Bis(2-chloroisopropyl) ether	ND	2.0	ug/L	1.00	09/07/2004 15:00	
4-Methylphenol	ND	2.0	ug/L	1.00	09/07/2004 15:00	
N-Nitroso-di-n-propylamine	ND	2.0	ug/L	1.00	09/07/2004 15:00	
Hexachloroethane	ND	2.0	ug/L	1.00	09/07/2004 15:00	
Nitrobenzene	ND	2.0	ug/L	1.00	09/07/2004 15:00	
Isophorone	ND	2.0	ug/L	1.00	09/07/2004 15:00	
2-Nitrophenol	ND	2.0	ug/L	1.00	09/07/2004 15:00	
2,4-Dimethylphenol	ND	2.0	ug/L	1.00	09/07/2004 15:00	
Bis(2-chloroethoxy) methane	ND	5.0	ug/L	1.00	09/07/2004 15:00	
2,4-Dichlorophenol	ND	2.0	ug/L	1.00	09/07/2004 15:00	
1,2,4-Trichlorobenzene	ND	2.0	ug/L	1.00	09/07/2004 15:00	
Naphthalene	ND	2.0	ug/L	1.00	09/07/2004 15:00	
4-Chloroaniline	ND	2.0	ug/L	1.00	09/07/2004 15:00	
Hexachlorobutadiene	ND	2.0	ug/L	1.00	09/07/2004 15:00	
4-Chloro-3-methylphenol	ND	5.0	ug/L	1.00	09/07/2004 15:00	
2-Methylnaphthalene	ND	2.0	ug/L	1.00	09/07/2004 15:00	
Hexachlorocyclopentadiene	ND	5.0	ug/L	1.00	09/07/2004 15:00	
2,4,6-Trichlorophenol	ND	2.0	ug/L	1.00	09/07/2004 15:00	
2,4,5-Trichlorophenol	ND	2.0	ug/L	1.00	09/07/2004 15:00	

Semi-volatile Organic Compounds by 8270C

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Prep(s): 3510C/8270C
Test(s): 8270C
Sample ID: **MW-3**
Lab ID: 2004-09-0063 - 6
Sampled: 08/31/2004 07:53
Extracted: 9/7/2004 08:20
Matrix: Water
QC Batch#: 2004/09/07-01.11
Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
2-Chloronaphthalene	ND	2.0	ug/L	1.00	09/07/2004 15:00	
2-Nitroaniline	ND	10	ug/L	1.00	09/07/2004 15:00	
Dimethyl phthalate	ND	5.0	ug/L	1.00	09/07/2004 15:00	
Acenaphthylene	ND	2.0	ug/L	1.00	09/07/2004 15:00	
3-Nitroaniline	ND	2.0	ug/L	1.00	09/07/2004 15:00	
Acenaphthene	ND	2.0	ug/L	1.00	09/07/2004 15:00	
2,4-Dinitrophenol	ND	10	ug/L	1.00	09/07/2004 15:00	
4-Nitrophenol	ND	10	ug/L	1.00	09/07/2004 15:00	
Dibenzofuran	ND	2.0	ug/L	1.00	09/07/2004 15:00	
2,4-Dinitrotoluene	ND	2.0	ug/L	1.00	09/07/2004 15:00	
2,6-Dinitrotoluene	ND	5.0	ug/L	1.00	09/07/2004 15:00	
Diethyl phthalate	ND	5.0	ug/L	1.00	09/07/2004 15:00	
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	1.00	09/07/2004 15:00	
Fluorene	ND	2.0	ug/L	1.00	09/07/2004 15:00	
4-Nitroaniline	ND	10	ug/L	1.00	09/07/2004 15:00	
2-Methyl-4,6-dinitrophenol	ND	10	ug/L	1.00	09/07/2004 15:00	
N-Nitrosodiphenylamine	ND	2.0	ug/L	1.00	09/07/2004 15:00	
4-Bromophenyl phenyl ether	ND	5.0	ug/L	1.00	09/07/2004 15:00	
Hexachlorobenzene	ND	2.0	ug/L	1.00	09/07/2004 15:00	
Pentachlorophenol	ND	10	ug/L	1.00	09/07/2004 15:00	
Phenanthrene	ND	2.0	ug/L	1.00	09/07/2004 15:00	
Anthracene	ND	2.0	ug/L	1.00	09/07/2004 15:00	
Di-n-butyl phthalate	ND	5.0	ug/L	1.00	09/07/2004 15:00	
Fluoranthene	ND	2.0	ug/L	1.00	09/07/2004 15:00	
Pyrene	ND	2.0	ug/L	1.00	09/07/2004 15:00	
Butyl benzyl phthalate	ND	5.0	ug/L	1.00	09/07/2004 15:00	
3,3-Dichlorobenzidine	ND	5.0	ug/L	1.00	09/07/2004 15:00	

Semi-volatile Organic Compounds by 8270C

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Prep(s): 3510C/8270C
Sample ID: **MW-3**
Sampled: 08/31/2004 07:53
Matrix: Water

Test(s): 8270C
Lab ID: 2004-09-0063 - 6
Extracted: 9/7/2004 08:20
QC Batch#: 2004/09/07-01.11

Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(a)anthracene	ND	2.0	ug/L	1.00	09/07/2004 15:00	
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	1.00	09/07/2004 15:00	
Chrysene	ND	2.0	ug/L	1.00	09/07/2004 15:00	
Di-n-octyl phthalate	ND	5.0	ug/L	1.00	09/07/2004 15:00	
Benzo(b)fluoranthene	ND	2.0	ug/L	1.00	09/07/2004 15:00	
Benzo(k)fluoranthene	ND	2.0	ug/L	1.00	09/07/2004 15:00	
Benzo(a)pyrene	ND	2.0	ug/L	1.00	09/07/2004 15:00	
Indeno(1,2,3-c,d)pyrene	ND	2.0	ug/L	1.00	09/07/2004 15:00	
Dibenzo(a,h)anthracene	ND	2.0	ug/L	1.00	09/07/2004 15:00	
Benzo(g,h,i)perylene	ND	2.0	ug/L	1.00	09/07/2004 15:00	
Benzoic acid	ND	10	ug/L	1.00	09/07/2004 15:00	
Surrogate(s)						
Nitrobenzene-d5	46.8	35-114	%	1.00	09/07/2004 15:00	
2-Fluorobiphenyl	49.3	43-116	%	1.00	09/07/2004 15:00	
p-Terphenyl-d14	62.2	33-141	%	1.00	09/07/2004 15:00	
2-Fluorophenol	32.5	25-100	%	1.00	09/07/2004 15:00	
Phenol-d5	21.7	10-110	%	1.00	09/07/2004 15:00	
2,4,6-Tribromophenol	49.5	10-123	%	1.00	09/07/2004 15:00	

Semi-volatile Organic Compounds by 8270C

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Batch QC Report

Prep(s): 3510C/8270C
Method Blank
MB: 2004/09/07-01.11-001

Water

Test(s): 8270C
QC Batch # 2004/09/07-01.11
Date Extracted: 09/07/2004 08:20

Compound	Conc.	RL	Unit	Analyzed	Flag
Phenol	ND	2.0	ug/L	09/07/2004 13:36	
Bis(2-chloroethyl)ether	ND	2.0	ug/L	09/07/2004 13:36	
2-Chlorophenol	ND	2.0	ug/L	09/07/2004 13:36	
1,3-Dichlorobenzene	ND	2.0	ug/L	09/07/2004 13:36	
1,4-Dichlorobenzene	ND	2.0	ug/L	09/07/2004 13:36	
Benzyl alcohol	ND	5.0	ug/L	09/07/2004 13:36	
1,2-Dichlorobenzene	ND	2.0	ug/L	09/07/2004 13:36	
2-Methylphenol	ND	2.0	ug/L	09/07/2004 13:36	
Bis(2-chloroisopropyl) ether	ND	2.0	ug/L	09/07/2004 13:36	
4-Methylphenol	ND	2.0	ug/L	09/07/2004 13:36	
N-Nitroso-di-n-propylamine	ND	2.0	ug/L	09/07/2004 13:36	
Hexachloroethane	ND	2.0	ug/L	09/07/2004 13:36	
Nitrobenzene	ND	2.0	ug/L	09/07/2004 13:36	
Isophorone	ND	2.0	ug/L	09/07/2004 13:36	
2-Nitrophenol	ND	2.0	ug/L	09/07/2004 13:36	
2,4-Dimethylphenol	ND	2.0	ug/L	09/07/2004 13:36	
Bis(2-chloroethoxy) methane	ND	5.0	ug/L	09/07/2004 13:36	
2,4-Dichlorophenol	ND	2.0	ug/L	09/07/2004 13:36	
1,2,4-Trichlorobenzene	ND	2.0	ug/L	09/07/2004 13:36	
Naphthalene	ND	2.0	ug/L	09/07/2004 13:36	
4-Chloroaniline	ND	2.0	ug/L	09/07/2004 13:36	
Hexachlorobutadiene	ND	2.0	ug/L	09/07/2004 13:36	
4-Chloro-3-methylphenol	ND	5.0	ug/L	09/07/2004 13:36	
2-Methylnaphthalene	ND	2.0	ug/L	09/07/2004 13:36	
Hexachlorocyclopentadiene	ND	5.0	ug/L	09/07/2004 13:36	
2,4,6-Trichlorophenol	ND	2.0	ug/L	09/07/2004 13:36	
2,4,5-Trichlorophenol	ND	2.0	ug/L	09/07/2004 13:36	
2-Chloronaphthalene	ND	2.0	ug/L	09/07/2004 13:36	
2-Nitroaniline	ND	10	ug/L	09/07/2004 13:36	

Semi-volatile Organic Compounds by 8270C

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Batch QC Report

Prep(s): 3510C/8270C
Method Blank
MB: 2004/09/07-01.11-001

Water

Test(s): 8270C
QC Batch # 2004/09/07-01.11
Date Extracted: 09/07/2004 08:20

Compound	Conc.	RL	Unit	Analyzed	Flag
Dimethyl phthalate	ND	5.0	ug/L	09/07/2004 13:36	
Acenaphthylene	ND	2.0	ug/L	09/07/2004 13:36	
3-Nitroaniline	ND	2.0	ug/L	09/07/2004 13:36	
Acenaphthene	ND	2.0	ug/L	09/07/2004 13:36	
2,4-Dinitrophenol	ND	10	ug/L	09/07/2004 13:36	
4-Nitrophenol	ND	10	ug/L	09/07/2004 13:36	
Dibenzofuran	ND	2.0	ug/L	09/07/2004 13:36	
2,4-Dinitrotoluene	ND	2.0	ug/L	09/07/2004 13:36	
2,6-Dinitrotoluene	ND	5.0	ug/L	09/07/2004 13:36	
Diethyl phthalate	ND	5.0	ug/L	09/07/2004 13:36	
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	09/07/2004 13:36	
Fluorene	ND	2.0	ug/L	09/07/2004 13:36	
4-Nitroaniline	ND	10	ug/L	09/07/2004 13:36	
2-Methyl-4,6-dinitrophenol	ND	10	ug/L	09/07/2004 13:36	
N-Nitrosodiphenylamine	ND	2.0	ug/L	09/07/2004 13:36	
4-Bromophenyl phenyl ether	ND	5.0	ug/L	09/07/2004 13:36	
Hexachlorobenzene	ND	2.0	ug/L	09/07/2004 13:36	
Pentachlorophenol	ND	10	ug/L	09/07/2004 13:36	
Phenanthrene	ND	2.0	ug/L	09/07/2004 13:36	
Anthracene	ND	2.0	ug/L	09/07/2004 13:36	
Di-n-butyl phthalate	ND	5.0	ug/L	09/07/2004 13:36	
Fluoranthene	ND	2.0	ug/L	09/07/2004 13:36	
Pyrene	ND	2.0	ug/L	09/07/2004 13:36	
Butyl benzyl phthalate	ND	5.0	ug/L	09/07/2004 13:36	
3,3-Dichlorobenzidine	ND	5.0	ug/L	09/07/2004 13:36	
Benzo(a)anthracene	ND	2.0	ug/L	09/07/2004 13:36	
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	09/07/2004 13:36	
Chrysene	ND	2.0	ug/L	09/07/2004 13:36	
Di-n-octyl phthalate	ND	5.0	ug/L	09/07/2004 13:36	

Semi-volatile Organic Compounds by 8270C

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Batch QC Report

Prep(s): 3510C/8270C
Method Blank
MB: 2004/09/07-01.11-001

Water

Test(s): 8270C
QC Batch # 2004/09/07-01.11
Date Extracted: 09/07/2004 08:20

Compound	Conc.	RL	Unit	Analyzed	Flag
Benzo(b)fluoranthene	ND	2.0	ug/L	09/07/2004 13:36	
Benzo(k)fluoranthene	ND	2.0	ug/L	09/07/2004 13:36	
Benzo(a)pyrene	ND	2.0	ug/L	09/07/2004 13:36	
Indeno(1,2,3-c,d)pyrene	ND	2.0	ug/L	09/07/2004 13:36	
Dibenzo(a,h)anthracene	ND	2.0	ug/L	09/07/2004 13:36	
Benzo(g,h,i)perylene	ND	2.0	ug/L	09/07/2004 13:36	
Benzoic acid	ND	10	ug/L	09/07/2004 13:36	
Surrogates(s)					
Nitrobenzene-d5	82.6	35-114	%	09/07/2004 13:36	
2-Fluorobiphenyl	75.0	43-116	%	09/07/2004 13:36	
p-Terphenyl-d14	71.4	33-141	%	09/07/2004 13:36	
2-Fluorophenol	59.1	25-100	%	09/07/2004 13:36	
Phenol-d5	38.8	10-110	%	09/07/2004 13:36	
2,4,6-Tribromophenol	74.8	10-123	%	09/07/2004 13:36	

Semi-volatile Organic Compounds by 8270C

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Batch QC Report

Prep(s): 3510C/8270C

Test(s): 8270C

Laboratory Control Spike **Water** **QC Batch # 2004/09/07-01.11**

LCS 2004/09/07-01.11-002 Extracted: 09/07/2004 Analyzed: 09/07/2004 14:04
LCSD 2004/09/07-01.11-003 Extracted: 09/07/2004 Analyzed: 09/07/2004 14:32

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Phenol	23.1	22.5	60.0	38.5	37.5	2.6	12-89	35		
2-Chlorophenol	47.7	47.7	60.0	79.5	79.5	0.0	23-134	25		
1,4-Dichlorobenzene	22.4	22.1	30.0	74.7	73.7	1.3	36-97	30		
N-Nitroso-di-n-propylamine	23.5	23.3	30.0	78.3	77.7	0.8	10-130	34		
1,2,4-Trichlorobenzene	22.1	21.8	30.0	73.7	72.7	1.4	44-142	35		
4-Chloro-3-methylphenol	48.3	47.6	60.0	80.5	79.3	1.5	22-147	31		
Acenaphthene	22.8	23.1	30.0	76.0	77.0	1.3	56-118	30		
4-Nitrophenol	27.9	27.0	60.0	46.5	45.0	3.3	1-132	35		
2,4-Dinitrotoluene	24.9	24.5	30.0	83.0	81.7	1.6	39-139	35		
Pentachlorophenol	44.6	44.3	60.0	74.3	73.8	0.7	45-125	35		
Pyrene	22.6	21.9	30.0	75.3	73.0	3.1	52-115	35		
Surrogates(s)										
Nitrobenzene-d5	20.7	19.4	25	82.8	77.6		35-114			
2-Fluorobiphenyl	20.1	20.2	25	80.4	80.8		43-116			
p-Terphenyl-d14	19.2	18.1	25	76.8	72.4		33-141			
2-Fluorophenol	28.2	27.3	50	56.4	54.6		25-100			
Phenol-d5	20.2	18.8	50	40.4	37.6		10-110			
2,4,6-Tribromophenol	40.9	39.3	50	81.8	78.6		10-123			

Semi-volatile Organic Compounds by 8270C

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Legend and Notes

Analysis Flag

HT

Extracted out of holding time

SEVERN TRENT STL

Submission: 2004-09-0063

Diesel

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-3	08/31/2004 07:53	Water	6

SEVERN TRENT STL

Submission: 2004-09-0063

Diesel

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Prep(s): 3510/8015M
Sample ID: **MW-3**
Sampled: 08/31/2004 07:53
Matrix: Water

Test(s): 8015M
Lab ID: 2004-09-0063 - 6
Extracted: 9/7/2004 15:48
QC Batch#: 2004/09/07-5A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	09/08/2004 13:57	
Surrogate(s)						
o-Terphenyl	82.6	60-130	%	1.00	09/08/2004 13:57	

Diesel

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Batch QC Report

Prep(s): 3510/8015M
Method Blank
MB: 2004/09/07-5A.10-001

Water

Test(s): 8015M
QC Batch # 2004/09/07-5A.10
Date Extracted: 09/07/2004 15:48

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	09/08/2004 11:43	
Surrogates(s)					
o-Terphenyl	78.1	50-120	%	09/08/2004 11:43	

Diesel

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Batch QC Report

Prep(s): 3510/8015M

Test(s): 8015M

Laboratory Control Spike **Water** **QC Batch # 2004/09/07-5A.10**

LCS 2004/09/07-5A.10-002 Extracted: 09/07/2004 Analyzed: 09/08/2004 15:29
LCSD 2004/09/07-5A.10-003 Extracted: 09/07/2004 Analyzed: 09/08/2004 15:58

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Diesel	652	675	1000	65.2	67.5	3.5	60-130	25		
Surrogates(s)										
o-Terphenyl	15.9	17.3	20.0	79.3	86.3		50-120			

SEVERN TRENT STL

Submission: 2004-09-0063

Oil & Grease (Total) by EPA 1664A

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-3	08/31/2004 07:53	Water	6

SEVERN TRENT STL

Submission: 2004-09-0063

Oil & Grease (Total) by EPA 1664A

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Prep(s): 1664A
Test(s): 1664A
Sample ID: **MW-3**
Lab ID: 2004-09-0063 - 6
Sampled: 08/31/2004 07:53
Extracted: 9/8/2004 00:00
Matrix: Water
QC Batch#: 2004/09/08-01.23

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Oil & Grease (total)	1.2	1.0	mg/L	1.00	09/08/2004	

Oil & Grease (Total) by EPA 1664A

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Batch QC Report

Prep(s): 1664A
Method Blank
MB: 2004/09/08-01.23-001

Water

Test(s): 1664A
QC Batch # 2004/09/08-01.23
Date Extracted: 09/08/2004

Compound	Conc.	RL	Unit	Analyzed	Flag
Oil & Grease (total)	ND	1	mg/L	09/08/2004	

Oil & Grease (Total) by EPA 1664A

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Batch QC Report

Prep(s): 1664A

Test(s): 1664A

Laboratory Control Spike **Water** **QC Batch # 2004/09/08-01.23**

LCS 2004/09/08-01.23-002 Extracted: 09/08/2004 Analyzed: 09/09/2004
LCSD 2004/09/08-01.23-003 Extracted: 09/08/2004 Analyzed: 09/09/2004

Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Oil & Grease (total)	40.6	35.2	40.0	101.5	88.0	14.2	79-114	18		

SEVERN TRENT STL

Submission: 2004-09-0063

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	08/31/2004 09:10	Water	1
MW-2	08/31/2004 08:40	Water	2
MW-4	08/31/2004 09:30	Water	3
MW-5	08/31/2004 08:59	Water	4
MW-6	08/31/2004 08:21	Water	5
MW-3	08/31/2004 07:53	Water	6

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Prep(s): 5030B
Sample ID: **MW-1**
Sampled: 08/31/2004 09:10
Matrix: Water

Test(s): 8260FAB
Lab ID: 2004-09-0063 - 1
Extracted: 9/11/2004 12:25
QC Batch#: 2004/09/11-2B.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	09/11/2004 12:25	
Benzene	ND	0.50	ug/L	1.00	09/11/2004 12:25	
Toluene	ND	0.50	ug/L	1.00	09/11/2004 12:25	
Ethylbenzene	ND	0.50	ug/L	1.00	09/11/2004 12:25	
Total xylenes	ND	1.0	ug/L	1.00	09/11/2004 12:25	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	09/11/2004 12:25	
Methyl tert-butyl ether (MTBE)	23	0.50	ug/L	1.00	09/11/2004 12:25	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	09/11/2004 12:25	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	1.00	09/11/2004 12:25	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	1.00	09/11/2004 12:25	
1,2-DCA	ND	0.5	ug/L	1.00	09/11/2004 12:25	
EDB	ND	0.5	ug/L	1.00	09/11/2004 12:25	
Ethanol	ND	50	ug/L	1.00	09/11/2004 12:25	
Surrogate(s)						
1,2-Dichloroethane-d4	111.0	72-128	%	1.00	09/11/2004 12:25	
Toluene-d8	98.9	80-113	%	1.00	09/11/2004 12:25	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Prep(s): 5030B
Sample ID: **MW-2**
Sampled: 08/31/2004 08:40
Matrix: Water

Test(s): 8260FAB
Lab ID: 2004-09-0063 - 2
Extracted: 9/11/2004 12:47
QC Batch#: 2004/09/11-2B.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	99	50	ug/L	1.00	09/11/2004 12:47	
Benzene	2.7	0.50	ug/L	1.00	09/11/2004 12:47	
Toluene	ND	0.50	ug/L	1.00	09/11/2004 12:47	
Ethylbenzene	1.8	0.50	ug/L	1.00	09/11/2004 12:47	
Total xylenes	2.8	1.0	ug/L	1.00	09/11/2004 12:47	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	09/11/2004 12:47	
Ethanol	ND	50	ug/L	1.00	09/11/2004 12:47	
Surrogate(s)						
1,2-Dichloroethane-d4	108.0	72-128	%	1.00	09/11/2004 12:47	
Toluene-d8	104.2	80-113	%	1.00	09/11/2004 12:47	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Prep(s): 5030B
Sample ID: **MW-4**
Sampled: 08/31/2004 09:30
Matrix: Water

Test(s): 8260FAB
Lab ID: 2004-09-0063 - 3
Extracted: 9/11/2004 13:10
QC Batch#: 2004/09/11-2B.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	09/11/2004 13:10	
Benzene	ND	0.50	ug/L	1.00	09/11/2004 13:10	
Toluene	ND	0.50	ug/L	1.00	09/11/2004 13:10	
Ethylbenzene	ND	0.50	ug/L	1.00	09/11/2004 13:10	
Total xylenes	ND	1.0	ug/L	1.00	09/11/2004 13:10	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	09/11/2004 13:10	
Ethanol	ND	50	ug/L	1.00	09/11/2004 13:10	
Surrogate(s)						
1,2-Dichloroethane-d4	109.0	72-128	%	1.00	09/11/2004 13:10	
Toluene-d8	101.4	80-113	%	1.00	09/11/2004 13:10	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
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21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Prep(s): 5030B
Test(s): 8260FAB
Sample ID: **MW-5**
Lab ID: 2004-09-0063 - 4
Sampled: 08/31/2004 08:59
Extracted: 9/13/2004 12:03
Matrix: Water
QC Batch#: 2004/09/13-1C.64
Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	1500	250	ug/L	5.00	09/13/2004 12:03	
Benzene	53	2.5	ug/L	5.00	09/13/2004 12:03	
Toluene	ND	2.5	ug/L	5.00	09/13/2004 12:03	
Ethylbenzene	48	2.5	ug/L	5.00	09/13/2004 12:03	
Total xylenes	49	5.0	ug/L	5.00	09/13/2004 12:03	
tert-Butyl alcohol (TBA)	ND	25	ug/L	5.00	09/13/2004 12:03	
Methyl tert-butyl ether (MTBE)	250	2.5	ug/L	5.00	09/13/2004 12:03	
Di-isopropyl Ether (DIPE)	ND	5.0	ug/L	5.00	09/13/2004 12:03	
Ethyl tert-butyl ether (ETBE)	ND	2.5	ug/L	5.00	09/13/2004 12:03	
tert-Amyl methyl ether (TAME)	ND	2.5	ug/L	5.00	09/13/2004 12:03	
1,2-DCA	ND	2.5	ug/L	5.00	09/13/2004 12:03	
EDB	ND	2.5	ug/L	5.00	09/13/2004 12:03	
Ethanol	ND	250	ug/L	5.00	09/13/2004 12:03	
Surrogate(s)						
1,2-Dichloroethane-d4	108.6	72-128	%	5.00	09/13/2004 12:03	
Toluene-d8	105.2	80-113	%	5.00	09/13/2004 12:03	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
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Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Prep(s): 5030B
Sample ID: **MW-6**
Sampled: 08/31/2004 08:21
Matrix: Water

Test(s): 8260FAB
Lab ID: 2004-09-0063 - 5
Extracted: 9/11/2004 13:55
QC Batch#: 2004/09/11-2B.66

Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	660	250	ug/L	5.00	09/11/2004 13:55	
Benzene	77	2.5	ug/L	5.00	09/11/2004 13:55	
Toluene	7.0	2.5	ug/L	5.00	09/11/2004 13:55	
Ethylbenzene	19	2.5	ug/L	5.00	09/11/2004 13:55	
Total xylenes	65	5.0	ug/L	5.00	09/11/2004 13:55	
tert-Butyl alcohol (TBA)	ND	25	ug/L	5.00	09/11/2004 13:55	
Methyl tert-butyl ether (MTBE)	360	2.5	ug/L	5.00	09/11/2004 13:55	
Di-isopropyl Ether (DIPE)	ND	5.0	ug/L	5.00	09/11/2004 13:55	
Ethyl tert-butyl ether (ETBE)	ND	2.5	ug/L	5.00	09/11/2004 13:55	
tert-Amyl methyl ether (TAME)	ND	2.5	ug/L	5.00	09/11/2004 13:55	
1,2-DCA	ND	2.5	ug/L	5.00	09/11/2004 13:55	
EDB	ND	2.5	ug/L	5.00	09/11/2004 13:55	
Ethanol	ND	250	ug/L	5.00	09/11/2004 13:55	
Surrogate(s)						
1,2-Dichloroethane-d4	116.7	72-128	%	5.00	09/11/2004 13:55	
Toluene-d8	97.0	80-113	%	5.00	09/11/2004 13:55	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
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Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Prep(s): 5030B
Sample ID: **MW-3**
Sampled: 08/31/2004 07:53
Matrix: Water

Test(s): 8260FAB
Lab ID: 2004-09-0063 - 6
Extracted: 9/11/2004 14:17
QC Batch#: 2004/09/11-2B.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	09/11/2004 14:17	
Benzene	ND	0.50	ug/L	1.00	09/11/2004 14:17	
Toluene	ND	0.50	ug/L	1.00	09/11/2004 14:17	
Ethylbenzene	ND	0.50	ug/L	1.00	09/11/2004 14:17	
Total xylenes	ND	1.0	ug/L	1.00	09/11/2004 14:17	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	09/11/2004 14:17	
Ethanol	ND	50	ug/L	1.00	09/11/2004 14:17	
Surrogate(s)						
1,2-Dichloroethane-d4	112.4	72-128	%	1.00	09/11/2004 14:17	
Toluene-d8	99.0	80-113	%	1.00	09/11/2004 14:17	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2004/09/11-2B.66-048

Water

Test(s): 8260FAB
QC Batch # 2004/09/11-2B.66
Date Extracted: 09/11/2004 10:48

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	09/11/2004 10:48	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	09/11/2004 10:48	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	09/11/2004 10:48	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	09/11/2004 10:48	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	09/11/2004 10:48	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	09/11/2004 10:48	
1,2-DCA	ND	0.5	ug/L	09/11/2004 10:48	
EDB	ND	0.5	ug/L	09/11/2004 10:48	
Benzene	ND	0.5	ug/L	09/11/2004 10:48	
Toluene	ND	0.5	ug/L	09/11/2004 10:48	
Ethylbenzene	ND	0.5	ug/L	09/11/2004 10:48	
Total xylenes	ND	1.0	ug/L	09/11/2004 10:48	
Ethanol	ND	50	ug/L	09/11/2004 10:48	
Surrogates(s)					
1,2-Dichloroethane-d4	95.2	72-128	%	09/11/2004 10:48	
Toluene-d8	100.0	80-113	%	09/11/2004 10:48	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2004/09/13-1C.64-048

Water

Test(s): 8260FAB
QC Batch # 2004/09/13-1C.64
Date Extracted: 09/13/2004 07:48

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	09/13/2004 07:48	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	09/13/2004 07:48	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	09/13/2004 07:48	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	09/13/2004 07:48	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	09/13/2004 07:48	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	09/13/2004 07:48	
1,2-DCA	ND	0.5	ug/L	09/13/2004 07:48	
EDB	ND	0.5	ug/L	09/13/2004 07:48	
Benzene	ND	0.5	ug/L	09/13/2004 07:48	
Toluene	ND	0.5	ug/L	09/13/2004 07:48	
Ethylbenzene	ND	0.5	ug/L	09/13/2004 07:48	
Total xylenes	ND	1.0	ug/L	09/13/2004 07:48	
Ethanol	ND	50	ug/L	09/13/2004 07:48	
Surrogates(s)					
1,2-Dichloroethane-d4	101.2	72-128	%	09/13/2004 07:48	
Toluene-d8	104.6	80-113	%	09/13/2004 07:48	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Batch QC Report

Prep(s): 5030B

Test(s): 8260FAB

Laboratory Control Spike **Water** **QC Batch # 2004/09/11-2B.66**

LCS 2004/09/11-2B.66-003 Extracted: 09/11/2004 Analyzed: 09/11/2004 10:03
LCSD 2004/09/11-2B.66-025 Extracted: 09/11/2004 Analyzed: 09/11/2004 10:25

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	29.2	27.6	25	116.8	110.4	5.6	65-165	20		
Benzene	30.4	28.3	25	121.6	113.2	7.2	69-129	20		
Toluene	25.7	25.4	25	102.8	101.6	1.2	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	489	475	500	97.8	95.0		72-128			
Toluene-d8	468	499	500	93.6	99.8		80-113			

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
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21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Batch QC Report

Prep(s): 5030B

Test(s): 8260FAB

Laboratory Control Spike **Water** **QC Batch # 2004/09/13-1C.64**

LCS 2004/09/13-1C.64-003 Extracted: 09/13/2004 Analyzed: 09/13/2004 07:03
LCSD 2004/09/13-1C.64-026 Extracted: 09/13/2004 Analyzed: 09/13/2004 07:26

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	21.2	22.0	25	84.8	88.0	3.7	65-165	20		
Benzene	24.5	23.7	25	98.0	94.8	3.3	69-129	20		
Toluene	24.5	24.5	25	98.0	98.0	0.0	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	508	506	500	101.6	101.2		72-128			
Toluene-d8	527	526	500	105.4	105.2		80-113			

SEVERN TRENT STL

Submission: 2004-09-0063

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
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21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Legend and Notes

Analysis Flag

o

Reporting limits were raised due to high level of analyte present in the sample.

SEVERN TRENT STL

Submission: 2004-09-0063

Metals

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-3	08/31/2004 07:53	Water	6

Metals

TRC Alton Geoscience- Irvine
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21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Prep(s): 3010A
Sample ID: **MW-3**
Sampled: 08/31/2004 07:53
Matrix: Water

Test(s): 6010B
Lab ID: 2004-09-0063 - 6
Extracted: 9/2/2004 07:30
QC Batch#: 2004/09/02-03.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Chromium	1.0	0.0050	mg/L	1.00	09/07/2004 15:19	

Metals

TRC Alton Geoscience- Irvine
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Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Batch QC Report

Prep(s): 3010A
Test(s): 6010B

Method Blank **Water** **QC Batch # 2004/09/02-03.15**

MB: 2004/09/02-03.15-052
Date Extracted: 09/02/2004 07:30

Compound	Conc.	RL	Unit	Analyzed	Flag
Chromium	ND	0.0050	mg/L	09/07/2004 14:02	

SEVERN TRENT STL

Submission: 2004-09-0063

Metals

TRC Alton Geoscience- Irvine
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Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips #4625

Received: 09/02/2004 15:40

Site: 3070 Fruitvale Ave.

Batch QC Report

Prep(s): 3010A

Test(s): 6010B

Laboratory Control Spike **Water** **QC Batch # 2004/09/02-03.15**

LCS 2004/09/02-03.15-053 Extracted: 09/02/2004 Analyzed: 09/07/2004 14:07
LCSD 2004/09/02-03.15-054 Extracted: 09/02/2004 Analyzed: 09/07/2004 14:11

Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Chromium	0.488	0.478	0.500	97.6	95.6	2.1	80-120	20		

SEVERN TRENT STL

STL San Francisco

Sample Receipt Checklist

Submission #:2004- 09 - 0063

Checklist completed by: (initials) JM Date: 09/02 /04

Courier name: ☒ STL San Francisco ☐ Client _____

Custody seals intact on shipping container/samples	Yes ____	No ____	Not Present ✓
Chain of custody present?	Yes ✓	No ____	
Chain of custody signed when relinquished and received?	Yes ____	No ____	
Chain of custody agrees with sample labels?	Yes ✓	No ____	
Samples in proper container/bottle?	Yes ✓	No ____	
Sample containers intact?	Yes ✓	No ____	
Sufficient sample volume for indicated test?	Yes ✓	No ____	
All samples received within holding time?	Yes ✓	No ____	

Container/Temp Blank temperature in compliance (4° C ± 2)? Temp: 2 °C Yes ✓ No ____

Potential reason for > 6°C: Ice melted ☐; Ice in bags: ☐; Not enough ice ☐; Not enough blue ice ☐; Samples in boxes ☐;

Sampled < 4hr. ago? ☐; Ice not required (e.g. air or bulk sample) ☐; Ice Present: Yes ✓ No ____

Water - VOA vials have zero headspace? No VOA vials submitted ____ Yes ✓ No ____

(if bubble is present, refer to approximate bubble size and itemize in comments as **S** (small ~O), **M** (medium ~ O) or **L** (large ~ O)

Water - **pH acceptable upon receipt?** ☐ Yes ☐ No AMBERS & POLY PH ✓ JS 9/1

☐ **pH adjusted**– Preservative used: ☐ HNO_3 ☐ HCl ☐ H_2SO_4 ☐ NaOH ☐ ZnOAc –**Lot #(s)** _____

For any item check-listed "No", provided detail of discrepancy in comment section below:

Comments:

Project Management [Routing for instruction of indicated discrepancy(ies)]

Project Manager: (initials) AA Date: 8/7 /04 Client contacted: ☒ Yes ☐ No

Summary of discussion: Client notified of the preservative in the Ambers for Diesel and SVOCs.

Corrective Action (per PM/Client):

STL-San Francisco 2004-09-0063

ConocoPhillips Chain Of Custody Record

90554

1220 Quarry Lane

Pleasanton, CA 94566

(925) 484-1919 (925) 484-1096 fax

ConocoPhillips Site Manager:

INVOICE REMITTANCE ADDRESS: CONOCOPHILLIPS
Attn: Dee Hutchinson
3611 South Harbor, Suite 200
Santa Ana, CA. 92704

ConocoPhillips Work Order Number: 1285 TRC 500

ConocoPhillips Cost Object:

DATE: 8-31-04

PAGE: 1 of 1

SAMPLING COMPANY: TRC	Valid Value ID:	CONOCOPHILLIPS SITE NUMBER: 4625	GLOBAL ID NO.: T0600102156
ADDRESS: 21 Technology Drive, Irvine CA 92618		SITE ADDRESS (Street and City): 3070 FRUITVALE AVE.	CONOCOPHILLIPS SITE MANAGER: THOMAS KOSEL
PROJECT CONTACT (Hardcopy or PDF Report to): Anju Farfan		EDF DELIVERABLE TO (RP or Designee): Peter Thomson, TRC pthomson@trcsolutions.com	PHONE NO.: 949-341-7408
TELEPHONE: 949-341-7440 / FAX: 949-753-0111 / E-MAIL: afarfan@trcsolutions.com			E-MAIL:
SAMPLER NAME(S) (Print): ALEX M.	CONSULTANT PROJECT NUMBER: 41050001/FA20		LAB USE ONLY

TURNAROUND TIME (CALENDAR DAYS): ☐ 14 DAYS ☐ 7 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED ☑

- RUN 8 OKYS by 8260 ON ALL 8260 MTBE HITS.

* Field Point name only required if different from Sample ID

REQUESTED ANALYSES

LAB USE ONLY	Sample Identification/Field Point Name*	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	8015m - TPHd Extractable	8260B - TPHg/BTEX/MtBE	8260B - TPHg / BTEX / 8 Oxygenates	8260B - TPHg / BTEX / 8 oxygenates + methanol (8015M)	8260B - Full Scan VOCs (does not include oxygenates)	8270C - Semi-Volatiles	8015M / 8021B - TPHg/BTEX/MtBE	Lead ☐Total ☐STLC ☐TCLP	TPPH by 8260B	BTEX / MTBE by 8260B	ETHANOL by 8260B	8 OKYS by 8260B	TPH-D by 8260B	TOG, VOC's by 8240	SVOC's by 8270,	TOTAL CHROMIUM					FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
	MW-1	8-31-04	0910	G.W	3									X	X	X										TEMPERATURE ON RECEIPT C° 3
	MW-2		0840		3									X	X	X										3 VOAS w/ HCL
	MW-4		0930		3									X	X	X										
	MW-5		0859		3									X	X		X									
	MW-6		0821		3									X	X		X									
	MW-3		0753		10									X	X	X		X	X	X	X					(4) VOAS w/ HCL
																										(3) 1 Liter (AMBER) w/ HCL
																								9/1	4s	(1) 250mL POLY w/ HNO3

Relinquished by: (Signature)	Received by: (Signature) REFRIGERATED	Date: 8-31-04	Time: 1300
Relinquished by: (Signature)	Received by: (Signature)	Date: 9/1/04	Time: 13:30
Relinquished by: (Signature)	Received by: (Signature)	Date: 9/1/04	Time: 15:40

5/19/03 Revision

STATEMENTS

Purge Water Disposal

Non-hazardous groundwater produced during purging and sampling of monitoring was accumulated at TRC' s groundwater monitoring facility at Concord, California, for transportation by Onyx Transportation, Inc. to the ConocoPhillips Refinery at Rodeo, California. Disposal at the Rodeo facility was authorized by ConocoPhillips in accordance with " ESD Standard Operating Procedures - Water Quality and Compliance" , as revised on February 7, 2003. Documentation of compliance with ConocoPhillips requirements is provided by an ESD Form R-149, which is on file at TRC' s Concord Office. Purge water suspected of containing potentially hazardous material, such as liquid-phase hydrocarbons, was accumulated separately in a drum for transportation and disposal by Filter Recycling, Inc.

Limitations

The fluid level monitoring and groundwater sampling activities summarized in this report have been performed under the responsible charge of a California Registered Geologist or Registered Civil Engineer and have been conducted in accordance with current practice and the standard of care exercised by geologists and engineers performing similar tasks in this area. No warranty, express or implied, is made regarding the conclusions and professional opinions presented in this report. The conclusions are based solely upon an analysis of the observed conditions. If actual conditions differ from those described in this report, our office should be notified.